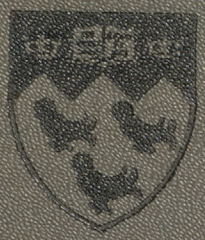
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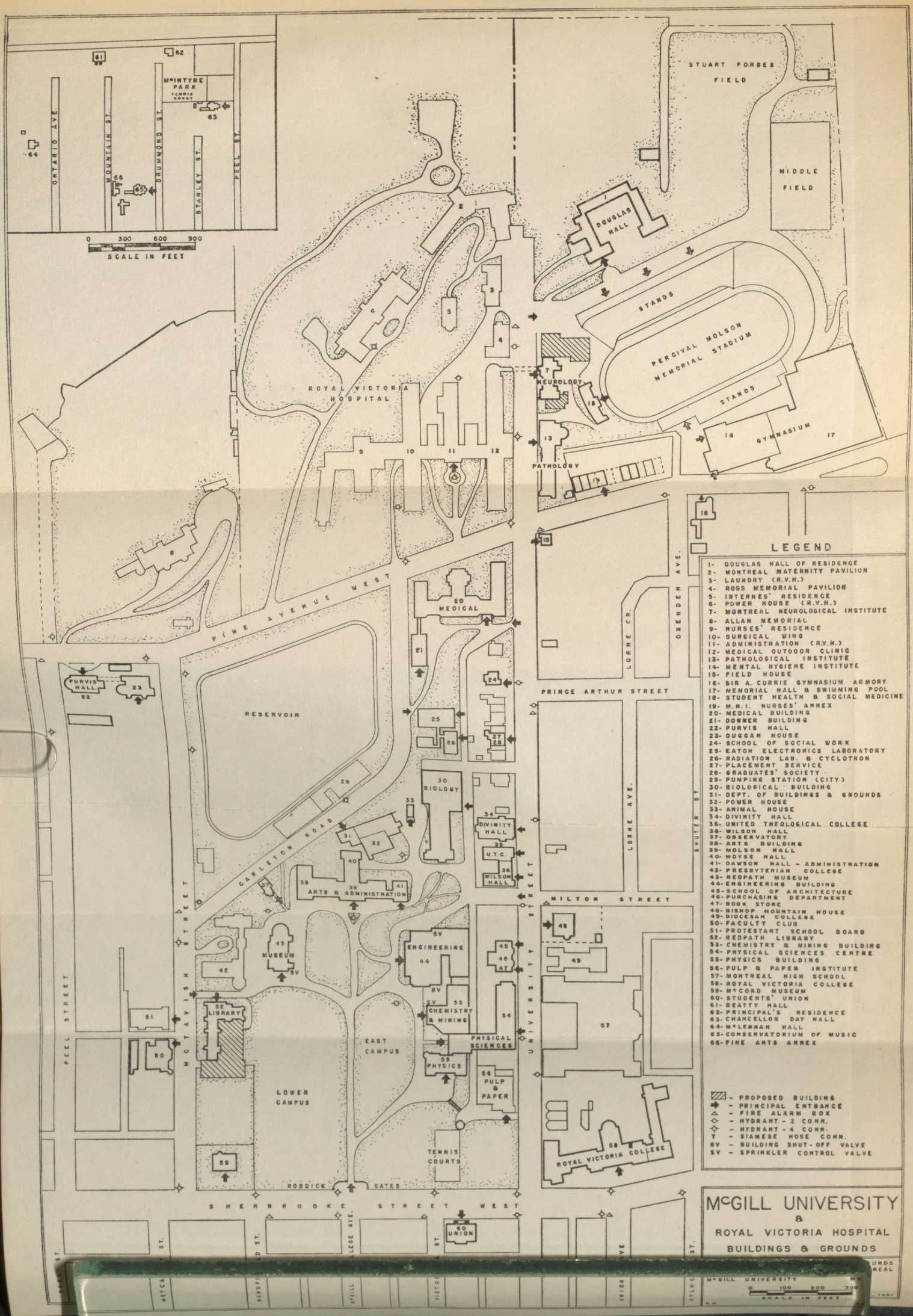
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58- ROYAL VICTORIA COLLEGE
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61- BEATTY HALL
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64- McLENNAN HALL
65- CONSERVATORIUM OF MUSIC
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▨ - PROPOSED BUILDING
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TABLE OF CONTENTS

	Page
Directory of Staff:	
Administrative Officers (1951-52)	3
Governors	6
Standing Committees of the Board of Governors	7
Advisory Council for the School of Commerce	8
Senate	9
Standing Committees of Senate	10
Standing Committees of the Faculty of Arts and Science	15
Standing Committees of the Faculty of Engineering	16
Standing Committee of the Faculty of Medicine	18
Standing Committees of the Graduate Faculty	18
Graduates' Society	19
Emeritus Professors (1950-51)	41
Officers of Instruction and Administrative Staff (1950-51)	42
University Scholars (1950-51)	99
History of the University	191
Government of the University	192
Incorporated and Affiliated Colleges	193
General Information:	
Admission to the University	301
Fees	302
Part-time Employment	306
Board and Residence	306
Health Service	310
Sports	312
Immigration	313
Calendar for the Session 1951-52	314
General Announcement:	
Administrative Officers	406
Veterans' Affairs	410
Application for admission to all Faculties	418
Admission from other Universities	418

403230

PAGE

Residential Accommodation 418
Scholarships and Bursaries 418
The Faculty of Arts and Science 419
Examinations recognized for admission to the University 428

School Certificate Examinations (1952):
General Regulations 506
Junior School Certificate Regulations 509
Prescription of work in each subject 515
Examinations recognized for Junior Matriculation 532
Senior School Certificate Regulations 535
Prescription of work in each subject 539
Examinations recognized for Senior Matriculation 551

Scholarships, Bursaries, Prizes, and Medals:
Detailed Table of Awards 605
General Statement 607
Entrance Scholarships and Bursaries 609
Scholarships, etc. in various faculties of the University 617
Graduate Fellowships and Scholarships 653
Fellowships and Scholarships tenable at McGill University only 654
Fellowships and Scholarships tenable at McGill University or elsewhere 661
Fellowships and Scholarships tenable at other Universities only 664
Fellowships and Scholarships open to graduates of other Institutions 669
Scholarships, Prizes, and Medals in the various Schools of the University 671
Medals and Prizes in the Department of Athletics, Physical Education, and Recreation 675
Alphabetical Index of Awards 677

Faculty of Arts and Science:
General Information 1010
Application for Admission 1011
Entrance Requirements 1012
Registration 1014
Degrees and Courses of Study 1015

PAGE

Summer School in French 1034
Summer School in Geography 1035
Fees 1035
Courses of Lectures in Arts and Science 1040
Regulations governing Attendance, Examinations, and Advancement 1171

School of Commerce:
General Regulations 1206
Courses of Lectures 1212
Evening Courses 1232
Fees for Evening Courses 1243
Regulations governing Attendance, Examinations, and Advancement 1171

Faculty of Engineering (including the School of Architecture):
General Regulations 1408
Curricula 1419
Summer Schools and Summer Essays 1441
Courses of Lectures 1446
Regulations concerning Standing and Promotion 1499

Faculty of Medicine:
General Regulations 1607
Courses of Instruction 1618
Diploma in Public Health 1651
Diploma in Tropical Medicine 1652
Medical Buildings 1653
Hospitals 1654
Libraries 1657
Medical Societies 1658
Graduate Medicine 1801

Faculty of Dentistry:
General Regulations 1903
Courses of Lectures 1911
Clinic 1925
Library and Museum 1925

Faculty of Law:
General Regulations 2004
Curriculum 2010

PAGE

Admission to the legal professions in Quebec 2012
Institute of International Air Law 2013

Faculty of Music:
General Regulations and Information 2115
Degree Requirements 2121
Diploma of Licentiate in Music 2125
Diploma of Associate in Music 2146
Local Centre Examinations in Music 2150
Regulations for the degree of Doctor of Music 2201

Faculty of Divinity:
General Information 2305
Curriculum 2309
Courses of Instruction 2312
Participating Theological Colleges 2317

Faculty of Graduate Studies and Research:
General Regulations 2611
Courses of Graduate Study 2633

Library School:
General Regulations 3005
Description of Courses 3010

School of Physical Education:
General Regulations 3104
Description of Courses 3109

School for Graduate Nurses:
General Regulations 3208
Certificate Courses 3214
Degree Courses 3220
Description of Courses 3224

School of Social Work:
General Information 3311
Courses of Instruction 3317

School of Physiotherapy:
General Regulations 3404
Courses of Instruction 3406

PAGE

Department of University Extension (Evening Courses):
General Information ... 3905
Description of Courses ... 3907

French Summer School (1951):
General Information ... 4007
Description of Courses ... 4019

Macdonald College:
General Information and Regulations ... 4516
Faculty of Agriculture:
Courses offered ... 4527
Partial Courses in Agriculture ... 4528
Diploma Course in Agriculture ... 4529
Advanced Diploma Course in Agriculture ... 4536
B.Sc.(Agr.) Course ... 4537
Description of Courses in Agriculture ... 4560
Graduate Courses in Agriculture ... 4583
Syllabus in Diploma Course in Agriculture ... 4585
Syllabus in B.Sc. (Agr.) First and Second Years ... 4586
Syllabus in B.Sc. (Agr.) Course Third and Fourth Years ... 4587
Syllabus in B.Sc.(H.Ec.) Course First and Second Years ... 4590
Syllabus in B.Sc. (H.Ec.) Course Third and Fourth Years ... 4591
Syllabus in Homemaker Course ... 4592
School of Household Science ... 4593
Partial Courses in Household Science ... 4593
Homemaker Course ... 4593
B.Sc. (H.Ec.) Course ... 4597
Description of Courses in Household Science ... 4597
School for Teachers ... 4606
Scholarships and Prizes ... 4617
Library ... 4630
Extension Services ... 4630
Approximate costs of courses at Macdonald College ... 4633
University Library ... 4701
University Museum ... 4702
Military Training ... 4704
Academic Dress ... 4710

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NOTE REGARDING REVISIONS

The entries on pages 3 to 20 have been revised to July 1st, 1951.

Pages 41 to 99 are, for technical reasons, reprinted without change from the 1950-1951 Directory of Staff.

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GARNET ALEXANDER WOONTON, M.A. (Western Ontario), F.R.S.C., F.I.R.E.
Professor of Physics, Director and Building Director of the Eaton Electronics Research Laboratory — *Eaton Electronics Research Laboratory*, 7400 de Tilley St.

ERNEST MILNE WORDEN, M.D. (Tor.)
Assistant Professor of Paediatrics — 1390 Sherbrooke St. W.

E. WALTER WORKMAN, M.D., C.M., M.Sc.
Lecturer in Anatomy — 1538 Sherbrooke St. W.

HENRY PUTTENEY WRIGHT, B.A. (Bishop's), M.D., C.M.
Assistant Professor of Medicine — 1414 Drummond St.

ISOBEL L. WRIGHT, M.D. (Tor.)
Demonstrator in Paediatrics — 1414 Drummond St.

CHARLES FREDERICK WRIGLEY, M.A. (N.Z.), Ph.D. (Lond.)
Assistant Professor of Psychology — *Chancellor Day Hall*, 8393 Esplanade Ave.

LIANG-YU WU, M.S. (Lingnan)
Demonstrator in Parasitology — *Macdonald College*

GERTRUDE LAURA YEATS, Model School Diploma Certificate (S.G.N.), R.N.
Lecturer in Obstetrical Nursing — *1266 Pine Ave. W.*, Royal Victoria Hospital

ARTHUR WILSON YOUNG, M.D., C.M., F.R.C.P. (C.)
Assistant Professor of Neurology — *Montreal Neurological Institute*, 1390 Sherbrooke St. W.

JOHN CHARLES GORDON YOUNG, B.Sc., M.D., C.M.
Demonstrator in Medicine — 4635 Beaconsfield Ave.

EVA RUDER YOUNGE, B.A. (Alta.), M.A.
Assistant Professor in the School of Social Work — *3600 University St.*, Apt. 35, 406 Pine Ave. W.

BOGDAN ZABORSKI, Ph.D. (Warsaw), Dozent (Cracow)
Associate Professor of Geography — *Arts Building*, 4384 Sherbrooke St. W.

ANNE BARBARA ZALOHA, Ph.B. (Chicago), M.A. (Northwestern)
Assistant Professor of Social Work — *3600 University St.*, 4751 Grosvenor Ave.

HANS JULIUS ZASSENHAUS, M.A. (Glasgow), Dr. Rer. Nat., Dr. Habil. (Hamburg)
Professor of Mathematics — *Arts Building*, 72 Martin St. Dorval

JOHN PETER ZUBEK, B.A. (U.B.C.), M.A. (Tor.), Ph.D. (Johns Hopkins)
Assistant Professor of Psychology — *Donner Building*, 3450 McTavish St.

UNIVERSITY SCHOLARS 1950-51—*With dates of first award*

ARTS AND SCIENCE

Henry Abramovitch.....1949
Tom Asimakopulos.....1949
Bernice Bloom.....1948
Peter C. Briant.....1948
Salomon J. Buchsbaum.....1950
Gerald Burke.....1950
Keith N. Drummond.....1948
Adrienne Duranceau.....1950
Andrew G. Engel.....1949
Brian C. Goodwin.....1948
Carl A. Goresky.....1949
Wilbur H. Huels.....1950
Kenneth H. Kapphahn.....1949
Marie T. Langlois.....1950
William J. Lawand.....1949
Arthur Leznoff.....1947
Gerald M. Litzky.....1949
Earle L. Lomon.....1950
Russell G. McGillivray....1949
Leslie Mezei.....1950
John W. O'Brien.....1949
Evelyn Petrushka.....1950
Martin C. Robinson.....1950
Hyman Rodman.....1948
Neysa Rosen.....1947
Jacob Rosensweig.....1950
John D. Stubbs.....1950
David Sussman.....1949
Bernard Trossman.....1949
Patricia Wainwright.....1950
George Zyskind.....1949

LAW

Raymond LaChapelle.....1949
Perry Meyer.....1945

MACDONALD COLLEGE

Edward J. Booth.....1950
Harry A. L. McLaughlin...1950
Kenneth A. Walsh.....1949

ENGINEERING

John Adjeleian.....1949
George E. S. Ayer.....1950
Theodosios Bay.....1948
Rubin Bonney.....1950
Immanuel Braverman.....1948
Ross E. Chamberlain.....1948
John H. Dinsmore.....1950
Irving G. Fraser.....1949
Renato Girolami.....1949
Michael B. Harding.....1950
Richard C. Johnston.....1948
John J. Jonas.....1949
David H. Kennedy.....1947
Zen Kolisnyk.....1950
Branislaw G. Kowalski....1948
Richard Lacey.....1950
Stephen Nettel.....1950
John C. Osler.....1947
Theodore Roumbanis.....1950
Nicol A. Sasso.....1950
Louis Segal.....1948
Joe Schneider.....1950
Russell I. Sharratt.....1950
Aris Stamatopoulos.....1949
Thomas G. Troy.....1950
Cyril J. Tunis.....1950
Dirk Van Eyken.....1950
George Zames.....1950

MEDICINE

Vivian E. H. Brooks.....1948
Paul A. Christie.....1949
Bernard A. Davis.....1950
Ainsley U. Dujon.....1949
John M. Elder.....1950
Mark C. Levine.....1946
John H. Summerby.....1950
Douglas L. Thomson.....1948
Maurice A. Vernon.....1949

A BRIEF HISTORY OF THE UNIVERSITY

In 1813 the Hon. James McGill, a leading merchant and prominent citizen of Montreal, died and left in his will a property of forty-six acres and a sum of £10,000 to the already existing Royal Institution for the Advancement of Learning upon condition that the latter erected "upon the said tract or parcel of land, an University or College, for the purposes of education and the advancement of learning in this Province"; and further upon condition that "one of the Colleges to be comprised in the said University shall be named and perpetually be known and distinguished by the appellation of 'McGill College'."

Owing to a lack of funds and persistent opposition the complete University, which had been planned by the Royal Institution, was not built, but after years of litigation and effort, the University of McGill College was opened in 1829 with what remained of James McGill's legacy as its endowment; and teaching then started in the Faculties of Medicine and Arts. The Medical Faculty grew steadily, but the Faculty of Arts had a most delicate infancy, and by the middle of the century was still scarcely alive. In 1852 an amended Charter was secured and a new era of progress and success began with the appointment in 1855 of Sir William Dawson as Principal, a position which he held for thirty-eight years.

Since 1855 the University has grown vigorously, dividing itself into further faculties. In 1899 the Royal Victoria College was opened, a gift of Baron Strathcona, to provide separate teaching and residential facilities for women students. Gradually, however, classes for men and women were merged, and now the University is almost completely coeducational. In 1907 Macdonald College was established at Ste. Anne de Bellevue, as a residential college for Agriculture, Household Science, and the School for Teachers. This general development was greatly facilitated by the generosity of Sir William Macdonald, whose gifts to the University included a Physics Building, a Chemistry and Mining Building, and a new Engineering Building, in addition to the college named after him.

The University had about a thousand students at the beginning of the present century. Before the First World War the number had approximately doubled and after the Second World War it rose rapidly until it reached over eight thousand in the 1948-49 session. During this half-century benefactors, both public and private, have brought the total endowments to more than $50,000,000. New buildings have been erected or acquired to provide the undergraduate and research facilities needed by the increased student body. These include Douglas Hall and Wilson Hall residences for men and a large extension of the Royal Victoria College for women. Since 1945 the following buildings have

been added: Purvis Hall for the School of Commerce, Chancellor Day Hall for the Faculty of Law, new quarters for the Faculty of Music, the Donner Building for medical research, the Radiation Laboratory and Cyclotron, and the Eaton Electronics Building. A new Physical Sciences Centre was opened in 1951 and a large extension of the Redpath Library commenced. The Sir Arthur Currie Memorial Gymnasium and Armoury, built in 1939, has been extended to include a swimming pool which was opened in 1950. A similar growth has been maintained in the buildings and equipment of Macdonald College.

A history of the University, "McGill and Its Story," by Professor Cyrus Macmillan, is published by the Oxford University Press, Toronto.

GOVERNMENT OF THE UNIVERSITY

McGill University is a Corporation created by a Royal Charter granted by the Crown of the United Kingdom, a general supervisory power being retained by the Crown and exercised through the Governor General as *Visitor*.

The *Governors* of the University constitute the Royal Institution for the Advancement of Learning, a corporation existing under the laws of the Province of Quebec, part of the official organization of the Province, but completely self-governing. In them is vested the management of finances, the appointment of professors, and other important duties. Three of the Governors are elected by the members of the Graduates' Society and other appointments are made by the nomination of the remaining members with the approval of the Visitor. The President of the Board of Governors is, *ex officio*, *Chancellor* of the University.

The *Principal* is the academic head and chief administrative officer. He is appointed by the Board of Governors (of which body he is a member). He also holds the office of Vice-Chancellor of the University.

Senate consists of the Chancellor, the Principal, the Deans of the Faculties, the Warden of the Royal Victoria College, the Director of the School for Teachers, the Director of Extension Courses, the Director of Athletics, and the four Group Chairmen of the Faculty of Arts and Science, all *ex officio;* five Governors elected by the Board; and eight professors elected by the various faculties. The Principal is Chairman of Senate, which is the highest academic authority of the University and has control over admission, courses of study, discipline, and degrees.

The carrying out of the regulations of Senate along with primary responsibility for the conduct of the educational work of the University, is entrusted to the several Faculties and Schools.

INCORPORATED AND AFFILIATED COLLEGES

INCORPORATED COLLEGES

Macdonald College is situated at Ste. Anne de Bellevue, about twenty-five miles from Montreal. It consists of the Faculty of Agriculture, the School of Household Science, and the School for Teachers. All courses leading to the Bachelor's and Master's degrees are under the control of the Senate of McGill University; all the short term courses in agriculture, as well as the shorter courses in domestic science, are under the direction of the Faculty of Agriculture; and those for diplomas to teach in the Province of Quebec are prescribed and regulated by the Department of Education. For further particulars see pages 4501 to 4634.

The Royal Victoria College is the Women's College of McGill University. For further particulars, see pages 307 to 310.

AFFILIATED THEOLOGICAL COLLEGES

The Montreal Diocesan Theological College—Principal, Rev. R. H. L. Slater, M.A., Ph.D., 3473 University Street.

The United Theological College of Montreal—Principal, Rev. George G. D. Kilpatrick, B.A., D.D., 3506 University Street.

(NOTE: The above two Colleges train students for the Ministry and grant certificates for ordination, but in 1948 they remitted their degree-granting powers to the University, which now confers degrees in Divinity upon properly qualified students. (*See page 2305.*)

The Presbyterian College of Montreal—Principal, Rev. Robert Lennox, M.A., Th.B., D.D., 3485 McTavish Street.

For Calendars and all necessary information, apply to the Principals of the Colleges.

McGill University

MONTREAL, CANADA

GENERAL INFORMATION

1951-52

ADMISSION TO THE UNIVERSITY

ENTRANCE REQUIREMENTS

The entrance requirements of the various faculties and schools of the University are given in the General Announcement, and in the separate announcements of the faculties and schools. These announcements may be obtained from the Registrar's Office.

APPLICATION FORMS

Application forms for admission to the faculties of Arts and Science (including the School of Commerce), Engineering, Medicine, Dentistry, and Divinity may be obtained from the Registrar's Office. Applications for admission to other faculties and schools should be made to the Deans of the faculties or the Directors of the schools concerned. All application forms give details of the certificates and records applicants must submit.

APPLICATION FOR RESIDENCE

Students who wish to apply for residential accommodation must do so on special forms. These may be obtained from the Warden of the Residence concerned or from the Registrar's Office.

ADMISSION TO THE UNIVERSITY

The admissions policy of the University is definitely selective and no guarantee can be given that a student who has complied with the minimum entrance requirements will be admitted. Students, therefore, should never come to the University until they have received official acceptance of their applications.

EX-SERVICE MEN AND WOMEN

The University gives special consideration to ex-service applicants.

INQUIRIES

The Registrar's Office will be pleased to answer inquiries concerning the University and to give advice to anyone who contemplates applying for admission.

FEES

The University reserves the right to make changes without notice in the published scale of fees if, in the opinion of the Board of Governors, circumstances so require.

1. UNIVERSITY FEES

FULL TIME REGULAR STUDENTS

(a) These fees include all the regular charges of the University for registration, tuition, laboratories, libraries, health service, physical education, sports, games and graduation, but do not include the Students' Society Fee (*see page 303*).

Arts	$250.00
Commerce	275.00
Dentistry (laboratory equipment not included)	350.00
Divinity (except regular candidates for ordination)	250.00
Engineering and Architecture (all years)	325.00
Graduate Nurses (Diploma Course)	210.00
Graduate Nurses (Degree Course)	260.00
Fine Arts	275.00
Law	275.00
Library School (includes library visits)	300.00
Medicine	450.00
Music	250.00
Physical Education	275.00
Physiotherapy	275.00
Science	300.00

(b) The following inclusive fees provide for only limited participation in physical education and sports, and do not include admission to games.

Graduate Studies	201.00
Social Work	275.00

(c) High School Diploma Course (does not include health service, physical education, sports or games) 150.00

CONDITIONED STUDENTS

Special fee for an additional course repeated or substituted by Conditioned Students (one full course or two half courses) $10.00

LIMITED UNDERGRADUATES IN THE FACULTY OF ARTS AND SCIENCE

Per Course	$72.00
Per Half Course	36.00

PARTIAL STUDENTS

	Half Courses	Full Courses
Arts, Science, and Commerce, per course	$36.00	$72.00
Engineering, per hour of instruction per week, per term	12.00	12.00

Information concerning the fees for partial students in other courses may be obtained from the Chief Accountant.

The maximum fee charged for courses taken by partial students will not exceed the published fee for full time regular students, but partial students are also subject to the following additional fees:

(a) Partial students taking less than three courses pay $5.00 for the McGill Daily and use of the McGill Union, while those taking three or more full courses pay the regular Students' Society fee.

(b) Partial students taking three or more courses pay the Health Service Fee of $7 00.

(c) Partial students also pay a Grounds Fee of $5.00 and are entitled to use the outdoor athletic facilities such as tennis courts and rinks, but may not use the gymnasium and swimming pool or participate in team sports. If the full athletic and health service privileges of a regular student are desired, the fee payable is $22.00 and a medical examination is required at the time of registration.

PAYMENTS BY INSTALMENTS

Fees, including board and residence, may be paid in two instalments, one at the beginning of the session and one on the 1st of February following. For this privilege the additional fee (payable $2.50 with each instalment) is..... $5.00

II. SPECIAL FEES AND PENALTIES

Late registration (first week) extra	$ 5.00
Late registration (second week) extra	10.00
Late payment fee (after specified date)	2.00
Fine for late medical examination (*see page 311*)	2.00
Graduation *in absentia*	10.00
Duplicate Diploma	10.00
Certified copy of student's record	1.00
Additional copy (at same time)	.50
Stencil of student's record (12 copies)	2.00
Re-reading examination paper	10.00
Supplemental examinations, each paper	10.00
Rental of microscope (*per term*)	7.50
Rental of microscope (*for the session*)	12.00

McGill graduates and graduates of other Universities may use the University Library on payment of an annual fee of $5.00.

III. STUDENTS' SOCIETY FEES

An annual fee of $15 ($16 in Engineering, Law, and Medicine) is payable by all undergraduates and partial students taking three or more full courses for the support of student organizations. Medical students pay an additional $2.00 for the Medical Journal.

The men's fee is distributed as follows: McGill Union $3.50; McGill Daily $1.50; Students' Executive Council $9.00; Undergraduate Society $1.00. In Engineering Law, and Medicine the Undergraduate Society receives $2.00.

The women's fee is distributed as follows: Women's Union $3.50: McGill Daily $1.50; Students' Executive Council $9.00; Undergraduate Society $1.00.

Students in the Faculty of Graduate Studies pay an annual fee of $3.50 for the support of the McGill Union or Women's Union, and $1.50 for the McGill Daily.

IV. ATHLETICS, PHYSICAL EDUCATION, AND RECREATION

Free use of the gymnasium and swimming pool, rinks, tennis courts, playing fields, etc., is included in the University fees listed under section (a) on page 302, and $15.00 of the fees paid by regular undergraduates is allocated to the Department of Athletics, Physical Education, and Recreation to support its programme. Students' season tickets for the home games of the senior football team cost $1.50, and students' tickets for the home games of the senior hockey team cost 25 cents each. All other home games are free to students.

REGULATIONS FOR PAYMENT OF FEES

1. Fees are due and payable at the Accounting Office immediately after registration; exact dates are shown in the announcements of various Faculties and Schools. A late fee of $2.00 is charged for payment after the specified dates.

2. The University does not issue bills for fees. Each student is required, at the time of registration, to complete a fee account giving full details of his fees for the session. To ensure identification, students or parents should enclose the fee account when remitting fees by mail.

3. Fees may be paid in two instalments, one at the beginning of the session, and one on February 1st following. In such cases the instalment fee of $5.00 is charged.

1st Instalment

One half of the total fees plus $2.50 instalment fee. Deduct deposits already paid.

2nd Instalment

Balance of total fees plus $2.50 instalment fee.

4. Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the following paragraph:

As soon as possible after the prescribed dates for the payment of fees the Chief Accountant will send to the Dean of each Faculty a list of

the registered students who have not paid their fees. The Deans will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

5. Further details concerning fees in the Faculty of Graduate Studies and Research are given in the announcement of that Faculty.

REGULATIONS CONCERNING REMISSION OF FEES TO STUDENTS WHO LEAVE THE UNIVERSITY DURING THE COURSE OF THE ACADEMIC YEAR

1. Students withdrawing from the University must cancel their registration at the Registrar's Office.

2. In the case of students who, in spite of the fact that they leave the University before the end of the academic year, receive full credit for the year towards their degree, there shall be no refund of fees.

3. In the case of students who leave during the academic year and do not receive credit beyond the period of their attendance, the fees shall be remitted on the following basis:

(a) In those Faculties where the academic year is divided into two terms, half of the annual fees shall be remitted to a student who leaves prior to the beginning of the second term.

(b) In those Faculties where the year is divided into three terms, one-third of the fees shall be returned for each term that begins after the departure of the student.

4. No fees shall be refunded for any term during which the student has attended classes, even though he leaves before the term has finished.

5. Residence fees are payable for the full academic year and shall not be refunded, except in special circumstances.

EXPENSES

It will be seen that each student pays annually two fees: (1) his inclusive University fee, (2) a Students' Society fee. There are no other regular fees and the only extras are for late registration, for graduation *in absentia*, etc., as listed above. Consequently the expenses of a student may be estimated by adding these two fees and the cost of board and lodging (*see pages 306, 307, 309, 310*). Books are necessarily a variable expense but probably $50 a year would be their average cost in Arts and Science. Personal expenditure upon clothes, amusements, etc., is still more variable and no useful estimate is possible.

PART-TIME EMPLOYMENT

Inquiries regarding placement, part-time work, or summer employment should be directed to the University Placement Service. However, students taking a regular degree course generally have insufficient leisure to make heavy part-time work during the term advisable, and they are recommended not to rely upon earning any money while actually at college.

BOARD AND RESIDENCE

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

I. FOR MEN

DOUGLAS HALL OF RESIDENCE

Douglas Hall was opened in September 1937. It is built on the staircase plan, each student normally having his own study-bedroom and sharing a sitting room with two other men, the three study-bedrooms and the sitting room forming a self-contained and separate suite. Meals, under the supervision of a qualified dietitian, are served in the attractive refectory and residents have in addition the use of adequate common rooms, play rooms, etc.

NORMAL SESSIONAL FEES FOR BOARD AND RESIDENCE

Engineering and Architecture	$600.00
Arts, Science, Commerce, Law	635.00
Medicine and Dentistry (fourth year)	670.00
Medicine and Dentistry (lower years)	700.00

Due to limited accommodation, a few students will be required to share a study-bedroom, in which case a rebate of $40.00 on the normal fee will be allowed.

WILSON MEMORIAL HALL

Wilson Memorial Hall, acquired in 1945, has accommodation for approximately seventy students, most of whom share a double room. Otherwise the facilities of dining room and common rooms are similar to those at Douglas Hall.

NORMAL SESSIONAL FEES FOR BOARD AND RESIDENCE

Engineering and Architecture	$595.00
Arts, Science, Commerce, and Law	625.00

Students sharing a double room will be allowed a rebate of $40.00 on the normal fee.

One half of the fee is payable at the beginning of the session, and the balance on February 1st.

Students who are in residence for any additional period are charged extra at the rate of $3.00 per day.

Application forms for both residences may be obtained from the Warden's Office, Douglas Hall of Residence.

LODGINGS

The University has a register of lodgings which have been inspected and approved. For information about these rooms students should apply in person to the Rooms Registry in the Union during September. The Registry gives information to those who come to its office but does not itself reserve lodgings and cannot answer correspondence.

The cost of board and lodging in approved rooms varies from $60 to $80 per month. Separately, board costs from $40, and a room from $25, upwards per month.

Board is furnished in the McGill Union at low rates.

Board and lodging for men may also be obtained in the Diocesan College and the Presbyterian College, which are affiliated with the University.

II. FOR WOMEN

THE ROYAL VICTORIA COLLEGE

The main building of the Royal Victoria College was erected in 1899 under the terms of the endowment created by the Rt. Hon. Baron Strathcona and Mount Royal for the education of women at McGill University. A west wing was added in 1930-31 and an east wing in 1948-49. In all, the College provides residence accommodation for 300 students.

All women undergraduates registered at McGill University are automatically members of the Royal Victoria College, whether in residence or not, and are required by the University to complete the registration forms of the Royal Victoria College.

The activities of all women students centre in the College, which contains a separate library, lounges, cafeteria, gymnasium facilities, health offices, infirmary, and accommodation for the Women's Union, as well as residential quarters and the Warden's office.

The Warden has general supervision over all the academic activities of the women students. Under the University statutes, she is responsible for "the preservation everywhere of the good character and good name of the College." To this end she has jurisdiction over all women's extra-curricular activities.

ADMISSION

Students applying for residence in the College must have fulfilled all the entrance requirements of McGill University, have been officially accepted for a full course leading to a degree or diploma, and have complied with the health regulations (*see paragraph on Health, page 309*).

Admission is based upon scholarship, character, health, and general promise.

APPLICATION FOR RESIDENCE

The Royal Victoria College has the responsibility for residence for all women undergraduates whose homes are not in Montreal. Only in exceptional cases may an undergraduate who is not residing with her parents or guardian live out of residence, and then only with the Warden's written approval.

All women students whose homes are not in Montreal must make application for residence in the College, as well as for a Faculty or School, before their academic applications can be considered.

Residential application forms may be secured either from the Registrar's Office of the University or from the College, and when completed should be addressed to The Warden, Royal Victoria College, McGill University, Montreal. It is to the candidate's advantage to make application early **and in any case by May 31st.** (Students should not await the results of their matriculation examination before applying.)

OPENING AND CLOSING OF RESIDENCES

Registration dates for women students in Arts, Science, Commerce, and Fine Arts are as follows:

First Year—Friday, September 21st.

Upper Years—Friday and Saturday, September 28th and 29th.

Residences will open for *first year students* on Wednesday, September 19th, when the mid-day meal will be the first to be served; *for upper years* on Thursday, September 27th.

Students will not be admitted before the date specified.

All students except seniors are expected to leave in May within 48 hours of their last examination; seniors, within 48 hours after Convocation.

ROOMS AND FURNISHINGS

In the Royal Victoria College there are 272 single and 14 double rooms. They are furnished with the following: bed, pillow, bureau, desk, bookcase, desk chair, waste-basket, study lamp. Blankets (2), sheets, pillow cases, bath towels, and face towels are provided. Students should supply their own bed covering and bureau scarf.

RATES

The charge for board and residence in the Royal Victoria College for a student occupying a single room is $635.00 and for a student occupying a double room, $610.00.

These charges cover the period of the University session in Arts and Science, exclusive of the Christmas holiday. Students who are in residence for any additional period for purposes of instruction, practice teaching, or examinations are charged at the rate of $3.00 per day.

There is accommodation for meals in the cafeteria at the Royal Victoria College.

A House Fee of $8.00 is collected by the University on behalf of the Resident Students' Society, and is payable with the Board and Residence fees.

HEALTH

The health service for both resident and non-resident students is part of the University Health Service. The Assistant Physician for the Royal Victoria College, Dr. M. Dorothea Mellor, is assisted by resident nurses.

No student who has an infectious illness or who comes from a house in which there has been an infectious illness may enter or return to the College unless the regulations of the Provincial Department of Health are observed. In all such cases the Warden must be notified and official consent secured. All students entering the University for the first time are required according to Provincial regulations to present a certificate or other satisfactory evidence of successful vaccination within seven years, or of insusceptibility to vaccine within five years.

McLENNAN HALL

Accommodation is available at McLennan Hall, 3480 Ontario Avenue, for women students in the courses of a senior nature listed below. This building, formerly the home of Miss Isabella C. McLennan, was donated by her to the University in October, 1942, and stands in large and attractive private grounds, commanding a superb view of the city of Montreal and the river beyond. It is within ten minutes' walking distance of the University. Breakfast is served at the Hall and residents may obtain their other meals at the Royal Victoria College Cafeteria at the regular prices. There are a few single rooms; the remainder (designated as "multiple") accommodate two or three students. Furnishings are similar to those described for the Royal Victoria College. Infirmary service is available to students living at McLennan Hall. A small charge will be made for meals served in the infirmary. The Hall is under the supervision of the Warden of the Royal Victoria College, to whom applications for accommodation should be sent.

RATES

Course	Period	Single	Multiple
Dentistry 1, 2, 3	Sept. 4– *	$470	$385
Dentistry 4	Sept. 4–Convocation	475	390
High School Diploma (Education)	Sept. 4–June 9	510	415
Law 1, 2, 3	Sept. 27– *	395	325
Law 4	Sept. 27–Convocation	435	355
Library School	Sept. 22–Convocation	455	375
Medicine 1, 2, 3	Sept. 4– *	510	415
Medicine 4	Sept. 4–Convocation	475	390
Social Work	Sept. 28–June 22	480	395
Graduate Faculty	Sept. 29–May 15	415	340

Additional periods will be charged at the following daily rates: Single, $2.00; Multiple, $165.

HEALTH SERVICE

The object of the University Health Service is to ensure that every student enrolled at McGill University shall be enabled to obtain the maximum protection for the development and maintenance of health at reasonable cost, during the University sessions.

The facilities of the Health Service provide for the early discovery of any defects of health and direct the student to competent treatment for any serious defect which may be found. The personnel of the Health Service have all been chosen for their ability to give competent and sympathetic service.

The Health Service provides treatment for minor illnesses or accidents.

It is not the function of the Health Service to undertake the care of serious cases beyond the initial diagnosis and emergency treatment. The patient will then be referred to the physician or surgeon of his choice or to the public service of designated hospitals.

The families of out-of-town students will be notified of any serious illness, and the action of the Health Service will be guided by their wishes or the advice of their family doctor.

Students entering the University are presumed to be in good health. If they are not, a statement to the contrary should be furnished to the Health Service before registration in the University is completed.

All students entering the University for the first time are required to present a certificate, or other satisfactory evidence, of successful vaccination against Smallpox. Students should be vaccinated before they come

*To the end of examinations.

to the University. If they have not complied with this Government regulation, they will be vaccinated at the University and a fee of $5.00 will be charged. Failure to be vaccinated before a certain date in the term will involve an additional fine of $5.00.

The University is not responsible for damages of any kind resulting from accidents or athletic injuries which may occur, nor for the medical or hospital expenses incurred by any person suffering an accident or athletic injury. In the case of injuries which occur during intercollegiate or intramural competition in athletics or in preparation therefor, the Health Service will render treatment, including hospitalization, if necessary, but any hospital expense in connection therewith shall be limited to the same maximum amount and conditions as in the case of hospitalization for illness. If circumstances appear to justify such action, the Director of the Department may authorize additional services or contributions towards such cost.

The University Health Service is organized to provide:

(*a*) Medical examinations for all men and women students in the University at the beginning of each Session.

The examination for students entering the University for the first time includes a complete clinical check, together with an X-ray of chest and routine laboratory procedures.

The examination for all other students annually consists of an X-ray of chest and routine laboratory procedures, together with a physical examination where indicated. All third year students' examinations include, besides the X-ray and laboratory procedures, a complete clinical check.

Participation in athletics is conditional upon the findings.

All examinations are by appointments made at the time of registration. The examination is compulsory for all students. Any student who fails to keep this appointment is subject to a later examination for which a charge of $2.00 is made. Any student who fails to have a medical examination by the University Health Service is subject to disciplinary action by the University authorities.

Re-examination during the session is undertaken for any student who may seem to require it.

(*b*) Consultative service for all students, available at the various centres of the University Health Service. These centres are located for men on the McGill Campus at 490 Pine Avenue West; for women at the Royal Victoria College; for Macdonald College at the Infirmary.

This service is optional on the part of the student. Any services obtained by the student from a private physician are the student's responsibility.

A limited number of house visits by a physician or nurse of the Health Service is undertaken as necessary for those living away from home and confined to bed.

A student who has received medical attention for an illness or accident must be declared fit by the Health Service before he may resume participation in classes or athletics.

The consultative service is included in the University Health Service fee.

In case of hospitalization when obtained through the University Health Service, payment will be made for one-half of all public ward rates in a designated general hospital, up to a maximum of $125.00 per student in any one session of the University.

This contribution is not applicable to hospital expenses for an illness or other condition which was known or ascertained at the time of admission.

Further detailed information will be furnished each student at the time of registration.

PARKING ON UNIVERSITY GROUNDS

The University does not permit students to park automobiles or motorcycles anywhere on the Montreal campus except in such areas as may be specifically designated for student parking by official notices.

Parking at Macdonald College is subject to restrictions. Further information may be obtained by applying to the office of the Vice-Principal of the College.

SPORTS FOR MEN

There is intercollegiate competition in approximately twenty different sports, including football, hockey, track, basketball, skiing, swimming, tennis, boxing, wrestling, fencing, and golf, and, in addition, there is a wide programme of intra-mural competition in various sports. The Sir Arthur Currie Memorial Gymnasium and Swimming Pool provide accommodation for many indoor activities, while Mount Royal in Montreal and the Laurentian Mountains north of Montreal provide excellent skiing country. A student in good health thus has ample opportunities for exercise and pleasant recreation.

SPORTS FOR WOMEN

For women students there is a wide choice of voluntary sports and recreations including archery, basketball, dancing, gymnastics, skating, skiing, swimming, and tennis. Special care is taken that no student undertakes any exercise for which she is physically unsuited.

IMMIGRATION

All students entering Canada to attend courses at the University should obtain from the Dean of their Faculty, the Director of their School, or the Registrar's Office an official letter of acceptance, and should present this to the immigration authorities at the port of entry.

BRITISH STUDENTS

British students do not require passports to enter Canada but may require them if they wish to return. They are therefore advised to obtain them before leaving for Canada.

AMERICAN STUDENTS

American students do not need passports. They must, however, bring with them evidence of their American citizenship such as their birth certificate, baptismal certificate, naturalization certificate, or passport. They should register on arrival with the American Consulate General. Students coming from the United States of America who are not citizens of that country should carry evidence that they are in the United States legally, and prior to their return should obtain a re-entry permit from the American Immigration Department.

OTHER STUDENTS

All other students should carry passports.

UNIVERSITY BOOK STORE

The McGill University Book Store, at 3480 University Street, has a complete stock of books and materials recommended by the Staff, and a supply of Engineering instruments, microscopes, drawing paper, pens, pencils, note-books, etc. The prices are standard retail prices, and profits are used directly for the benefit of the students.

CALENDAR FOR THE SESSION 1951-52

1951

May 28th, Monday. Convocation.

June 14th, Thursday. School Certificate Examinations begin.

June 28th, Thursday. French Summer School begins.

July 2nd, Monday. Dominion Day.

July 2nd, Monday. Geography Summer School begins.

August 9th, Thursday. French Summer School ends.

August 11th, Saturday. Geography Summer School ends.

August 30th, Thursday. Last day for filing Graduate theses for Autumn Convocation.

August 31st, Friday. Students in certificate courses in Public Health Nursing, and Advanced Psychiatric, Obstetric, and Paediatric Nursing report to the School for Graduate Nurses for field work. Registration in Medicine and Dentistry begins.

September 3rd, Monday. Labour Day.

September 4th, Tuesday. Registration in Medicine and Dentistry finishes. Registration of students in the School for Teachers. Supplemental examinations begin in Arts, Science, Commerce, Fine Arts, First Year Engineering, and in the School of Physical Education. Summer School in Mechanical Engineering begins. Agriculture Teaching Specialists register. School Certificate examinations begin.

September 5th, Wednesday. Lectures begin in all years of Medicine and Dentistry, and in the School for Teachers.

September 6th, Thursday. Second and Third Year Women students in the School of Physical Education report for Autumn Outdoor School. High School Diploma students report for training in the Department of Education.

September 7th, Friday. Seminars begin for High School Diploma students.

September 10th, Monday. Supplemental examinations begin in Upper Years of Engineering and Architecture. Conservatorium of Music opens for practical work. Second Year Men students in the School of Physical Education report for Autumn Outdoor School. Fall Survey School begins.

September 10th. Monday, to September 22nd, Saturday. Final orals for Ph.D.

September 13th, Thursday. Third Year Men students in the School of Physical Education report for Autumn Outdoor School.

September 14th. Friday. Students in certificate courses in Teaching and

Supervision and Administration in Schools of Nursing report to the School for Graduate Nurses for observation in Hospitals.

September 17th, Monday. Last day for receiving applications for admission to the Graduate Faculty. Last day for reports on Ph.D. theses.

September 18th, Tuesday. Supplemental Examinations begin in the Faculty of Divinity.

September 19th, Wednesday. Last day for reports on Masters' theses.

September 21st, Friday. Registration of students in First Year Arts, Science, Commerce, Fine Arts, Engineering, and in the Library School.

September 24th, Monday. Freshman Welcome. Students in First Year Physical Education register. Lectures begin in Music and the Library School, and in the First Year of Arts, Science, Commerce, Fine Arts, Engineering, and Physical Education.

September 26th, Wednesday, and September 27th, Thursday. Registration of students in all years in the School of Physiotherapy.

September 27th, Thursday. Students register in the School of Social Work and in Upper Years of Engineering and Architecture.

September 27th, Thursday, and September 28th, Friday. Students in degree courses and in certificate courses in Administration and Supervision in Public Health Nursing register at the School for Graduate Nurses.

September 28th, Friday. Students in Fourth Year Physical Education register. Lectures begin in the School of Social Work.

September 28th, Friday, and September 29th, Saturday. Registration of Upper Year students in the Faculty of Arts and Science and in all years of Law and Divinity.

October 1st, Monday. Last day for receiving sessional registration forms approved by the Department in the Dean's Office, Faculty of Graduate Studies and Research. Lectures begin in Upper Years of Arts, Science, Commerce, Fine Arts, Engineering, Architecture, and Physical Education, and in all years of Law, Agriculture, Household Science, Divinity, the School for Graduate Nurses, the School of Physiotherapy, and the Faculty of Graduate Studies and Research.

October 6th, Saturday. Founder's Day. Convocation. (James McGill born October 6, 1744, died December 19th, 1813.)

Thanksgiving Day. No lectures. Date to be announced by the Dominion Government.

October 13th, Saturday. Last day of submitting certificates relating to summer employment in the Faculty of Engineering

October 24th, Wednesday. Last day for registration (Registrar's Office) and payment of fees for students in the Faculty of Graduate Studies and Research.

November 5th, Monday. Autumn term examinations begin in the School for Teachers.

November 11th, Sunday. Remembrance Day.

November 26th, Monday. Winter term begins in the School for Teachers.

December 1st, Saturday, to December 8th, Saturday. Examinations in French and German for Ph.D. students except the German test for those in Physics.

December 14th, Friday. First term ends in the Library School.

December 19th, Wednesday, to December 20th, Thursday. Examinations in the Library School.

December 21st, Friday. Last day of lectures in all Faculties and Schools, last day of lectures and field work in the School of Social Work.

1952

January 4th, Friday. Examinations begin in Arts, Science, Commerce, Fine Arts, Engineering, Architecture, Divinity, Physical Education, Graduate Nurses, and Physiotherapy. Lectures resumed in Agriculture, Household Science, and School for Teachers.

January 7th, Monday. Lectures resumed in Medicine, Dentistry, Music, and Library School.

January 11th, Friday. Second term begins in Arts, Science, Commerce, Fine Arts, Divinity, Engineering, Architecture, Physical Education, the School for Graduate Nurses, and Physiotherapy.

January 23rd, Wednesday, to January 25th, Friday. Examination held in the School of Social Work.

January 28th, Monday. Second term begins in the School of Social Work.

February 11th, Monday. Founder's Day at Macdonald College. (*Sir William Macdonald born February 10th, 1831, died June 9th, 1917.*)

February 15th, Friday, February 16th, Saturday. Mid-term weekend holiday.

February 23rd, Saturday. Examinations in German for Ph.D. students in Physics only.

Library School trip. Dates to be announced.

February 28th, Thursday. Winter term ends in the School for Teachers.

March 17th, Monday. Spring term begins in the School for Teachers.

April 4th, Friday. Lectures end in Upper Years of Engineering and Architecture.

April 7th, Monday. Last day for filing Ph.D. theses. Examinations begin in Upper Years of Engineering and Architecture.

April 11th, Friday, to April 14th, Monday (inclusive). Easter vacation.

April 19th, Saturday. Lectures end in First Year Engineering and in all other Faculties and Schools except Music, Medicine, Dentistry, the Library School, and the School of Social Work.

April 21st, Monday. Last day for filing theses for Master's degrees.

April 23rd, Wednesday. Examinations begin in Arts, Science, Commerce, Fine Arts, First Year Engineering, all years in Law, Divinity, Physical Education, Agriculture, Household Science, the School for Graduate Nurses, and Physiotherapy.

April 25th, Friday, Examinations begin in the Theory of Music.

April 26th, Saturday, to May 10th, Saturday. Final orals for Ph.D.

April 29th, Tuesday. Examinations begin in Higher Theoretical Music.

May 1st, Thursday. Last day for application for the majority of Graduate Fellowships.

May 2nd, Friday. Lectures end in the Library School and in the School of Social Work.

May 3rd, Saturday. Last day for reports on Ph.D. theses. Last day of lectures in Music.

May 5th, Monday. Practical Examinations in Music begin.

May 6th, Tuesday, to May 9th, Friday. Examinations in the Library School.

May 7th, Wednesday. Examinations begin in the School of Social Work.

May 9th, Friday. Last day for reports on Masters' theses.

May 12th, Monday. Full-time field work in First Year of the School of Social Work and full-time research work in Second Year begin.

May 19th, Monday. Final examinations begin in the School for Teachers and for Homemakers.

May 28th, Wednesday. Convocation.

June 5th, Thursday. Graduation exercises, School for Teachers and Homemakers Class of the School of Household Science.

June 20th, Friday. Second term ends in the School of Social Work.

McGill University

Montreal

General Announcement

1951-1952

ARCHIVE LIBRARY

McGill University

Montreal



General Announcement

1951-1952

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

INDEX

	PAGE
Administrative Officers	406
Admission:	
Age of	419
Application for	418, 424
Of Veterans	410
To Arts and Science	411, 419, 422, 427, 428
To Faculties and Schools (see under the Faculty or School).	
To Professional Faculties	427
To Upper Years	427
Advanced Courses	426
Advanced Standing	427
Advisers	426
Age of Admission	419
Agriculture, Faculty of	414
Application Forms	418, 424
Architecture, School of	414
Arts, Fine	411, 419
Arts and Science, Faculty of	411, 419
Attendance	427
Bursaries	418
Certificates Recognized	428
Classes of Student	425
Commerce, School of	411
Degrees, General and Honours	426
Dentistry, Faculty of	414
Description of University	409
Divinity, Faculty of	415
Engineering, Faculty of	413
Entrance Requirements (see Admission).	
Examination Marks	427
Examination Papers (Re-reading)	418
Examinations Recognized	428

PAGE

Faculties and Schools 406, 411
Faculty of Agriculture 414
" Arts and Science 411
" Dentistry 414
" Divinity 415
" Engineering 413
" Graduate Studies and Research 415
" Law 412
" Medicine 411
" Music 415
Fine Arts 411, 419
French Summer School 417

General Degrees 426
Geography Summer School 417
Graduate Nurses, School for 416
Graduate Studies and Research, Faculty of 415

High School Teachers' Diploma 417
History of the University 409
Home Economics (see Household Science).
Honours Degrees 426
Household Science, School of 415

Junior Matriculation 419

Law, Faculty of 412
Library School 416
Limited Undergraduates 425

McGill College 411
Marks, Examination 427
Matriculation, Junior and Senior 419, 422
Medicine, Faculty of 411
Music, Faculty of 415

Nurses, School for Graduate 416

Partial Students 425
Period of Study 426
Physical Education, School of 416

PAGE

Physiotherapy, School of 417
Professional Faculties 427

Registration 426
Requirements for Admission (see Admission).
Residential Accommodation 418

Scholarships 418
School, Library 415
School for Graduate Nurses 416
School for Teachers 417
School of Architecture 414
" Commerce 411, 419
" Household Science 415
" Physical Education 416
" Physiotherapy 417
" Social Work 417
Schools 406, 407, 408
Senior Matriculation 422
Social Work, School of 417
Summer Schools 417

Teachers, Training of 417
Terms 427

Undergraduates 425

Veterans' Affairs 410

Women Students 419

ADMINISTRATIVE OFFICERS

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Vice-Principal of Macdonald College and Dean of the Faculty of Agriculture

D. C. MUNROE, M.A. — *Director of the School for Teachers*

HELEN R. NEILSON, M.B.E., B.H.S., M.Sc.
Director of the School of Household Science

J. H. HOLTON, B.Com. — *Secretary*

A. B. WALSH, B.Sc. (Agr.) — *Registrar*

McGill University

A BRIEF DESCRIPTION

McGill University, founded under a bequest of the Hon. James McGill, a prosperous Montreal merchant who died in 1813, was established as a university by Royal Charter in 1821. It is privately endowed, the trustees of its funds being the Board of Governors who constitute "The Royal Institution for the Advancement of Learning".

The University has nine faculties and nine schools. Particulars of these are given on pages 411 to 418. Eight of the faculties are situated in Montreal where the University Campus lies on the lower slopes of Mount Royal, the hill from which the city takes its name. Macdonald College at Ste. Anne de Bellevue, about twenty-five miles from Montreal, is an incorporated College of the University, and houses the Faculty of Agriculture, the School of Household Science, and the School for Teachers.

McGill University is undenominational and has now for many years been co-educational in most of its faculties and schools. Admission is definitely selective, the number of students accepted into each faculty being limited. In the 1950-51 session the number of men students studying for either degrees or diplomas was 4973 and the corresponding number of women students was 1834. These students are drawn from every province of Canada and from many other countries, the connexions with Great Britain, the West Indies, and the United States naturally being strong. At present there are in residence at the University about 90 students from Great Britain and 462 from the United States.

The following pages are intended to give in a condensed form the preliminary information that a student who contemplates entering the University would require, together with the entrance requirements of the various faculties and a list of the certificates accepted. Details of the Junior and Senior School Certificates, the entrance examinations conducted by the University, are given in the School Certificate Announcement. Separate announcements of the several faculties and schools are published and a list of these is printed on the inside of the title page. There is also a pamphlet enclosed with this announcement which gives the fees in the various faculties and schools, a description of the University residences for men and women, an account of the Health Service, and a calendar of dates. The Registrar's Office will be pleased to send one or more of these announcements to anyone interested or to answer inquiries.

VETERANS' AFFAIRS

E. CLIFFORD KNOWLES, B.D., M.A. *Student Counsellor*

ENTRANCE REQUIREMENTS

The Admissions Committees of the various faculties are anxious to allow returned men and women to try any course for which they have sufficient aptitude and sufficient preliminary training. The committees are therefore willing to consider applications from returned men and women who have approximately the following minimum qualifications:

For the First Year of Arts or Commerce: Good Junior Matriculation standing in English, Elementary Mathematics (Algebra and Geometry), a Modern or Classical Language, and one other subject.

For the First Year of Science or Engineering: Physics and Chemistry may replace either the Modern or the Classical Language in the above list.

For the Second Year of Engineering: Senior Matriculation standing in English, Mathematics (Algebra, Trigonometry, Co-ordinate Geometry), Physics, and Chemistry.

Students wishing to enter other faculties or years should write for information to the Registrar's Office.

ADVICE

Veterans who have any problems are recommended to consult Mr. Knowles, the Student Counsellor. Mr. Knowles has his office in the Arts Building.

Visits are made periodically to Macdonald College. For anything urgent, however, students may get in touch with Mr. Knowles through the Assistant Bursar at Macdonald College.

The Faculties and Schools of the University

A BRIEF OUTLINE WITH REFERENCES

Announcements of these faculties and schools giving further details may be obtained from the Registrar's Office.

For fees see the Pamphlet of General Information enclosed with this announcement.

I. McGILL COLLEGE (FACULTY OF ARTS AND SCIENCE)

Including the School of Commerce

(See also page 419)

Degrees offered: Bachelor of Arts (B.A.)
Bachelor of Science (B.Sc.)
Bachelor of Commerce (B.Com.)*
Bachelor of Fine Arts (B.F.A.)

Period of Resident Study in the Faculty: Four years from Junior Matriculation or three years from Senior Matriculation (see School Certificate Announcement).

Minimum Entrance Requirements: Junior Matriculation for admission to the First Year. Junior and Senior Matriculation with second-class standing for admission to the Second Year. (*See pages 419 to 424.*) The entrance requirements for students from American schools and for students from Great Britain are stated on page 429.

Application Forms: For application forms apply to the Registrar's Office.

Since the majority of students coming to the University for the first time enter the Faculty of Arts and Science, further details of this Faculty are given on page 419.

II. FACULTY OF MEDICINE

Degrees offered: Doctor of Medicine and Master of Surgery (M.D., C.M.).

Diplomas offered: The Diploma of Public Health (D.P.H.), the Diploma of Tropical Medicine (D.T.M.), and diplomas for advanced study in the various clinical departments of the faculty.

Period of Study in the Faculty for the Degree: Four years.

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*Students proceeding towards the B.Com. degree are registered in the School of Commerce.

Licence to Practise: A year of interneship, or a further year of study, is required before the University certifies that a graduate is entitled to take the qualifying examination of any of the licensing boards, so that the length of the full professional course is five years.

Entrance Qualifications: The normal requirement is a B.A. or a B.Sc. degree, but students with exceptionally high qualifications may apply for admission at the end of the third year of their course. The pre-medical work must include:—

Physics: One year of general college Physics with laboratory work.

Biology: One year of general Biology or Zoology with laboratory work. (One year of Zoology will be accepted, but Botany alone is not sufficient.)

Chemistry: Two years.

(*a*) One full year's course of General Chemistry with laboratory work.

(*b*) One full year's course of Organic Chemistry with laboratory work.

All candidates for admission to the Medical Faculty are required to take the Medical College Admission Test, or furnish a satisfactory explanation of reasons why they are unable to do so.

Students wishing to proceed towards medicine at McGill University are reminded that no specific "pre-medical" course is offered. Work preparatory to Medicine is taken while proceeding regularly towards the B.A. or the B.Sc. degree in the Faculty of Arts and Science. Students who are preparing for entrance to the Faculty of Medicine are advised that they should not choose subjects which properly belong to the medical course, but should devote their time to securing a thorough preparation in the fundamental scientific and humanistic subjects.

Students are strongly advised to make themselves familiar with the licensing regulations of the province or state in which they intend to practise and to take the necessary steps to become registered. The University requires Canadian students to register with the licensing body of their province before beginning their medical course.

Since the University can accept only a small percentage of those who apply, application should be made to the Secretary of the Faculty of Medicine as early as possible and in no case after January 1st.

For further details apply to the Secretary of the Faculty. Application forms for admission into the Faculty of Arts and Science or for admission directly into the Faculty of Medicine may be obtained from the Registrar's Office.

III. FACULTY OF LAW

The course in the Faculty of Law is based primarily on a study of the civil law as the fundamental law of Quebec. It also includes a study of Anglo-Canadian law in limited fields, as well as the principles of English and Canadian public law.

Degree offered: Bachelor of Civil Law (B.C.L.).

Period of Study for the degree: Three years.

Students proceeding to the legal and notarial professions are required to take an additional year of practical training and to pass further examinations.

Language Requirement: A good reading knowledge of the French language is required.

Entrance Qualifications: Candidates who have completed at least two years in the Faculty of Arts and Science at McGill University will be admitted to the Faculty as degree students without examination. Other candidates must satisfy the Faculty that they possess an equivalent qualification. Candidates who are proceeding to the Bar of the Province of Quebec must be Canadian citizens, hold the degree of B.A. from a Canadian or British university, or of a University or College the degree whereof is recognized as the equivalent by Laval, McGill, and Montreal universities, and satisfy the Bar examiners that they have successfully completed "the regular course in philosophy" in an approved university.

Candidates for admission to the notarial profession must be male British subjects and hold the degree of B.A., B.Litt., or B.Sc. from a Canadian, English, or French university.

Further information regarding admission to practice will be found in the Quebec Bar Act, 1925, R.S.Q., chap. 210 (as amended) and the Notarial Code, 1925, R.S.Q., chap. 211 (as amended).

Application forms for admission may be obtained from the Secretary of the Faculty.

IV. FACULTY OF ENGINEERING

Degrees offered: (1) Bachelor of Engineering (B.Eng.), in the Departments of Chemical, Civil, Electrical, Mechanical, Metallurgical, and Mining Engineering, and in Engineering Physics; (2) Bachelor of Architecture. (*See* School of Architecture, *below*.)

Period of Study for the Degree: Five years from Junior Matriculation. (Note that, commencing with the 1949-1950 session, the whole five years are taken in the Faculty of Engineering, instead of a preliminary year being spent in the Faculty of Arts and Science, followed by four years in Engineering.)

Entrance Qualifications: For admission to the First Year, Junior Matriculation as for B.Sc. For admission to the second year, full B.Sc. Junior Matriculation, and Senior Matriculation in English, Mathematics (Algebra, Trigonometry, and Coordinate Geometry), Physics, Chemistry, and one of Biology, French, Geography, German, History, Latin, or

Spanish. The regulations are given in full in the School Certificate Examinations Announcement and in the Announcement of the Faculty of Engineering.

Students should not contemplate entering the Faculty of Engineering unless they have more than average mathematical ability. The minimum requirements in this subject are stated in the School Certificate Announcement. For further details see the Announcement of the Faculty of Engineering.

V. SCHOOL OF ARCHITECTURE (IN THE FACULTY OF ENGINEERING)

Degree offered: Bachelor of Architecture (B.Arch.).

Period of Study for the Degree: Six years from Junior Matriculation. (See Note under Faculty of Engineering, above.)

The entrance requirements in Architecture are the same as those for the Engineering courses (*see above*). The length of the course is six years, the first two years being identical with the first two years in Engineering.

For further details, see the Announcement of the Faculty of Engineering.

VI. FACULTY OF DENTISTRY

Degree offered: Doctor of Dental Surgery (D.D.S.).

Period of Study in the Faculty for the Degree: Four years.

Entrance Qualifications: At least two years in Arts and Science, including two years of lectures and laboratory work in Chemistry (inorganic and organic), and one year each of Physics and Biology (which must include a half year of Zoology).

To be qualified to practise in the Province of Quebec, a student must have taken at least two years of the B.A. or B.Sc course in an English university of Canada recognized by McGill University. The student should also register with the College of Dental Surgeons of the Province of Quebec as soon as he is admitted to the First Year of the Faculty of Dentistry.

VII. FACULTY OF AGRICULTURE

This faculty is housed in Macdonald College at Ste. Anne de Bellevue, twenty-five miles from Montreal.

Degree offered: Bachelor of Science in Agriculture, B.Sc. (Agr.).

Period of Study in the Faculty for the Degree: Four years.

For entrance qualifications, fees, and further details, see the Announcement of Macdonald College, which may be obtained from the Registrar, Macdonald College, P.Q.

VIII. FACULTY OF MUSIC

Degree offered: Bachelor of Music (Mus.B.).

Diplomas offered: Licentiate in Music (L. Mus.).
Associate in Music (A. Mus.).

Minimum period of study in the Faculty for the Degree: Three years.

For further details see the Announcement of the Faculty of Music.

IX. FACULTY OF DIVINITY

Degree offered: Bachelor of Divinity (B.D.).

Period of Study for the Degree: Three years.

Entrance Qualifications: A Bachelor's degree (preferably B.A.) from a recognized University.

For details, see the Announcement of the Faculty of Divinity.

X. FACULTY OF GRADUATE STUDIES AND RESEARCH

Degrees offered: Master of Arts (M.A.), Master of Science (M.Sc.), Master of Engineering (M.Eng.), Master of Architecture (M.Arch.), Master of Theology (S.T.M.), Master of Commerce (M.Com.), Master of Civil Law (M.C.L.), Master of Social Work (M.S.W.), Master of Psychological Science (M.Ps.Sc.), Doctor of Philosophy (Ph.D.), Doctor of Psychological Science (D.Ps.Sc.), Doctor of Civil Law (D.C.L.), Doctor of Music (Mus.D.).

For details consult the Announcement of the Faculty of Graduate Studies and Research.

XI. SCHOOL OF HOUSEHOLD SCIENCE

(IN THE FACULTY OF AGRICULTURE)

(Women Only)

Degree offered: Bachelor of Science in Home Economics [B.Sc. (H.Ec.)].

Diploma offered: See Macdonald College Announcement.

Period of Study for the degree: Four years.

For entrance requirements and other details see the Announcement of Macdonald College which may be obtained from the Registrar, Macdonald College, P.Q.

XII. LIBRARY SCHOOL (IN THE FACULTY OF ARTS AND SCIENCE)

Degree offered: Bachelor of Library Science (B.L.S.).

Period of Study: One year.

Entrance Qualifications: Bachelor's degree.

For details see the Announcement of the Library School.

XIII. SCHOOL OF PHYSICAL EDUCATION
(IN THE FACULTY OF MEDICINE)

Period of Study: Four years in the School leading to the degree of B.Sc. (P. Ed.).

Entrance Qualifications: Junior Matriculation.

For further particulars see the Announcement of the School of Physical Education.

XIV. SCHOOL FOR GRADUATE NURSES
(IN THE FACULTY OF MEDICINE)

(Women Only)

CERTIFICATE COURSES

One-year certificate courses offered in:

1. Teaching in Schools of Nursing.
2. Public Health Nursing.
3. Supervision in Psychiatric Nursing.
4. Supervision in Obstetrical Nursing.
5. Supervision in Paediatric Nursing.

Advanced Courses

6. Administration in Schools of Nursing.
7. Administration and Supervision in Public Health Nursing.

Entrance Qualifications: Junior Matriculation or its equivalent, and graduation from an approved school of nursing.

Satisfactory professional experience is a pre-requisite.

DEGREE COURSES

Two-year courses leading to a degree of Bachelor of Nursing (B.N.), with specialization in the following fields:

1. Teaching and Supervision in Schools of Nursing.
2. Public Health Nursing.
3. Administration in Schools of Nursing.
4. Administration and Supervision in Public Health Nursing.

Entrance Qualifications: Senior Matriculation or its equivalent, and graduation from an approved school of nursing.

Satisfactory professional experience is a pre-requisite.

For details see the Announcement of the School for Graduate Nurses.

XV. SCHOOL OF SOCIAL WORK (IN THE FACULTY OF ARTS AND SCIENCE)

A one-year course leading to the degree of Bachelor of Social Work (B.S.W.), with a further year which may lead to the degree of Master of Social Work (M.S.W.).

Entrance Qualifications: A Bachelor's degree from a recognized college with adequate training in the necessary social sciences.

For details see the separate Announcement of the School of Social Work.

XVI. SCHOOL OF PHYSIOTHERAPY (IN THE FACULTY OF MEDICINE)

(Women Only)

Period of Study: Three years in the School leading to a diploma.

Entrance Qualifications: Senior Matriculation or its equivalent.

For further particulars see the separate Announcement of the School of Physiotherapy.

XVII. FRENCH SUMMER SCHOOL (IN THE FACULTY OF ARTS AND SCIENCE)

A residential summer school with an entirely French staff.

Approximate dates: 28th June to 9th August.

Inclusive Fee (tuition, room, and board): $285.

For special Announcement apply to the Director, French Summer School, Arts Building, McGill University.

XVIII. GEOGRAPHY SUMMER SCHOOL

(IN THE FACULTY OF ARTS AND SCIENCE)

A residential summer school held at Stanstead, Que.

Approximate dates: 2nd July to 11th August.

Inclusive Fee (tuition, room, and board): $200.

For special Announcement, apply to the Director, Summer School in Geography, Arts Building, McGill University.

XIX. TRAINING OF TEACHERS

The McGill University Department of Education offers (in Montreal) a one-year course to graduates of approved universities who wish to be teachers. Under certain conditions those who complete this course may qualify for the High School Diploma of the Province of Quebec. These conditions are given in the Announcement of the Faculty of Arts and Science under "Education". This course in certain circumstances (see Announcement of the Faculty of Graduate Studies and Research) may lead later to an M.A. degree in Education. For further particulars,

apply to the Chairman, Department of Education, Arts Building, McGill University, Montreal 2.

For details of courses in the School for Teachers, leading to Elementary and Intermediate Diplomas, see the Macdonald College Announcement.

APPLICATION FOR ADMISSION TO ALL FACULTIES

Application forms for all years in the Faculties of Arts and Science, and Engineering, and for the First Year in Medicine, Dentistry, and Divinity may be obtained from the Registrar's Office. Application for admission to other faculties or years should in the first instance be made by letter to the Registrar.

All letters of inquiry should indicate the degree or diploma in which the candidate is interested, so that specific advice can be given regarding entrance requirements.

ADMISSION FROM OTHER UNIVERSITIES

A student of another university applying for advanced standing or for exemption from any subject or subjects which he has already studied must submit with his application a certified copy of his academic record, and may in addition be required to submit a Calendar or Bulletin of the University in which he has previously studied. He should also arrange to have sent separately to the University a confidential report from an officer of instruction or administration who is familiar with his work.

RESIDENTIAL ACCOMMODATION

The University maintains a number of residences which are described in the General Information Pamphlet enclosed with this Announcement. Space is limited, however, and the University does not undertake to provide living accommodation for all *men* students. Application for, and admission into, an academic course are entirely separate from application for, and admission into, a University residence. Residential application forms can be obtained from the individual residence or from the Registrar's Office.

SCHOLARSHIPS AND BURSARIES

Details of the University Entrance Scholarships and of other scholarships, bursaries, and loan funds are given in the Scholarships Announcement which may be obtained from the Registrar's Office.

RE-READING OF EXAMINATION PAPERS

Upon payment of a fee of $10, a student may apply in writing to the office of the Dean of the Faculty concerned to have an examination paper re-read. This must be done not more than thirty days after the examination results are published.

The Faculty of Arts and Science

For further particulars see page 411 and also the separate Announcement of the Faculty.

The undergraduate work of the University in the Humanities, in Social Studies, in the Biological and Physical Sciences, in Commerce, and in Fine Arts is done in McGill College, usually called the Faculty of Arts and Science. Correspondence concerning academic matters should be addressed to the Registrar of the University or to the Dean of the Faculty.

WOMEN STUDENTS

Women are admitted to the courses and to the degrees of the Faculty on the same terms as men.

Women students whose homes are outside Montreal must make application for residence before May 31st to the Warden of the Royal Victoria College. At the same time, they must submit their academic applications. Forms for these purposes are obtainable from the College or from the Registrar's Office. (*See also pages 307 to 310 of the General Information Pamphlet enclosed with this Announcement.*)

AGE OF ADMISSION

Except in special circumstances, no student under the age of sixteen is admitted to the First Year, or under the age of seventeen to the Second Year.

ENTRANCE REQUIREMENTS

Eligibility to enter the University through Junior or Senior Matriculation is determined fundamentally by reference to the standards maintained by the McGill School Certificate Examinations. These examinations are described in detail in the School Certificate Examinations Announcement, but the names of the required papers are given below. The pass mark is in all cases 50%. Certain other public examinations also recognized for admission to the University are listed on pages 428 and 429. A student with incomplete qualifications cannot be admitted as a regular undergraduate.

ENTRANCE THROUGH McGILL SCHOOL CERTIFICATE EXAMINATIONS

1. ENTRANCE TO THE FIRST YEAR (Junior Matriculation)

To qualify for admission to the first year of the Faculty of Arts and Science a candidate must pass within a period of sixteen months in each of the ten McGill School Certificate papers listed below, or their recognized equivalents.

If a candidate for admission to the Faculty of Arts and Science chooses to re-write one or more papers in which he has already passed, in an attempt to raise his average sufficiently to meet the entrance requirements, his application may be given consideration subject to the following provision that only the mark obtained in the *final* attempt at the paper will be counted.

(*a*) *For admission to the First Year of the B.A. course* a candidate must pass in each of the following papers in the University's Junior School Certificate and obtain an average of at least 65% on the examination as a whole.

No. of Papers	Subject
2	English
1	History (General *or* British)
2	Latin *or* Greek
2	French; Latin; Greek; German; Spanish
2	Elementary Algebra *and* Elementary Geometry
1	One of the following:
	Biology; Botany; Chemistry; Drawing; Geography; Canadian History; Physics; Music; Intermediate Algebra; Trigonometry.
	or
	A foreign language not already chosen (the average of the two papers in a foreign language is counted)
10 papers	

(*b*) *For admission to the First Year of the B.Sc. course* a candidate must pass the following papers in the University's Junior School Certificate Examination and normally obtain at least 70% upon the examination as a whole. Special consideration may, however, be given to B.Sc. candidates who have secured an average of 65% to 70% and have shown special distinction in such scientific subjects as they have taken in their matriculation, i.e., Mathematics, Chemistry, Physics, Biology, or Botany.

No. of Papers	Subject
2	English
1	History (General *or* British)
2	French *or* German (both papers)
1	Elementary Algebra
1	Elementary Geometry
1	One of the following: Biology; Botany; Chemistry; Physics
2	*Either* Latin *or* Spanish *or* French *or* German (if not already chosen), *or* any two of the following papers not already chosen: (a) Intermediate Algebra (b) Trigonometry (c) Biology *or* Botany (Biology *and* Botany may not both be chosen) (d) Chemistry (e) Geography (f) Physics (g) Canadian History (h) Music *or* Drawing (Music *and* Drawing may not both be chosen)
10 papers	

(*c*) *For admission to the first year of the B.Com course* a candidate must pass the following papers in the University's Junior School Certificate Examination and obtain at least 65% upon the examination as a whole.

No. of Papers	Subject
2	English
1	History (British *or* General)
2	Elementary Mathematics (Algebra and Geometry)
2	Greek, Latin, French, German, *or* Spanish (French preferred)
3	Chosen from the following: Any one or more of the above languages not already chosen; Intermediate Algebra, Trigonometry, Chemistry, Physics, Biology, Botany, Geography, Canadian History; and either Music or Drawing.
10 papers	

(*d*) *For admission to the first year of the B.F.A. course* a candidate must pass the following papers in the University's Junior School Certificate Examination and obtain at least 65% upon the Examination as a whole.

No. of Papers	Subject
2	English
2	French
1	History (British *or* General)
2	Latin *or* Greek *or* Mathematics
3	Chosen from the following

Greek, Latin, Algebra, Geometry (if not already chosen); Art, Geography, Music, Canadian History, Botany (or Biology), Physics, Chemistry.

If a student does not choose Art in Junior Matriculation he must present evidence of his technical qualifications for entering the course in Fine Arts.

2. ENTRANCE TO THE SECOND YEAR (Senior Matriculation)

A candidate may be considered for admission to the Second Year of the Faculty of Arts and Science if he has passed in the appropriate ten papers of the McGill Junior School Certificate Examination, or their recognized equivalents, and if he has passed within a period of sixteen months in the papers of the McGill Senior School Certificate Examination, or their recognized equivalents, with an average of at least 70% on the examination as a whole. Special consideration may, however, be given to candidates who have received an average of 65% to 70% if they have obtained high standing in all such subjects as they have taken in the examination which are appropriate to the degree course which they wish to enter. These are: *in Arts*—English, Languages, History; *in Science*—Mathematics, Physics, Chemistry, Biological Science; *in Commerce*—English, History, Mathematics.

The same provisions regarding re-written papers apply to Senior Matriculation as apply to Junior Matriculation (see page 420).

Only in exceptional circumstances may a student who has not qualified for entrance to the First Year through Junior Matriculation be admitted to the Second Year by Senior Matriculation alone.

(*a*) *For admission to the Second Year of the B.A. course* —

English

Latin *or* Greek

Mathematics (*see footnotes* [1] *and* [2])

Any two of the following:—

1. History
2. Latin *or* Greek (the one not already chosen)
3. French
4. German
5. Spanish
6. Science (Physics *or* Chemistry *or* Biology)
7. Music
8. Geography

Candidates who intend to apply for entrance to the Faculty of Medicine at the end of the Third Year of the B.A. course must take Mathematics.

(*b*) *For admission to the Second Year of the B.Sc. course* —

English

Mathematics[1]

Physics

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[1]Two papers: one in Algebra and one in Trigonometry. Candidates who have passed in School Certificate Trigonometry may write Co-ordinate Geometry instead of Senior Trigonometry. The paper in Co-ordinate Geometry, written in addition to the other two, if necessary, is strongly recommended for candidates who intend to study for Honours in Mathematics, Physics, or Chemistry.

[2]All B.A. candidates are advised to offer Mathematics as one of the Senior Matriculation subjects. If, however, a student intends to follow an Honours course in one of the Humanities, or in Political Science, or in History, he may in certain circumstances be permitted to offer another subject in which he has shown marked proficiency in place of Mathematics. The regulations governing the matter are quite specific, and any student who contemplates making the substitution should, *before he commences his Senior Matriculation year*, consult the School Certificate Examinations Announcement or the Announcement of the Faculty of Arts and Science to make sure that he is eligible.

Chemistry

French *or* German* *or* Spanish *or* Latin *or* Greek *or* History *or* Biology *or* Geography

(*c*) *For admission to the Second Year of the B.Com. course* —

English

Mathematics**

Accountancy***

A modern foreign language

History, *or* a second foreign language, *or* a Science (including Geography)

(*d*) *For admission to the Second Year of the B.F.A. course*—

English

French

History

Art

One other subject

FURTHER INFORMATION

Full details of the above examinations are given in the School Certificate Examinations Announcement.

APPLICATION FOR ADMISSION

Students are normally permitted to enter at the beginning of the Fall term only.

All applications to enter the Faculty of Arts and Science must be made on forms which may be obtained from the Registrar's Office. Women applicants should refer to the paragraph headed "Women Students" on page 419. Completed applications must reach the Registrar not later than August 31st.

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*A candidate who has passed the two papers in Junior French may obtain Senior B.Sc. or B.Eng. standing in German by passing the Junior examinations in this subject.

**Algebra and Trigonometry. However, a candidate who has passed in School Certificate Trigonometry may write Co-ordinate Geometry instead of Senior Trigonometry.

***Applications of students who have substituted another subject for Accountancy may be considered if their standing is high enough.

It is advantageous for candidates to make preliminary application, on the proper forms, as early in the year as possible, supplementing this later with the required certificates, transcripts, etc., as these become available.

Applicants should note that clear photo-copies of original documents are acceptable if submitted in duplicate. Sending such copies avoids the risk of losing the originals in the mails.

The Admissions Committee also requires a confidential report from the Principal of the applicant's school. This may if desired be made on a form obtainable from the Assistant Dean.

Students whose native language is not English must satisfy the Assistant Dean that their command of written and spoken English is fluent.

The number of students admitted is limited, and the Faculty is not bound to accept all applicants who have passed the required examinations.

CLASSES OF STUDENT IN THE FACULTY

(1) *Regular Undergraduates:* Students with complete matriculation qualifications taking the regular work of their year towards a degree.

(2) *Limited Undergraduates:* Students with complete matriculation qualifications who have been given the permission of the Dean of the Faculty to distribute the four years' work over five or more years (but not more than eight years), on the understanding that the sequence of courses conforms to the regular undergraduate rules and time table.

Limited Undergraduates are not eligible for scholarships, bursaries, or prizes of any description and may not read for an honours degree.

(3) *Partial Students:* Students not registered as proceeding to a degree who are allowed to take one or more lecture courses. Partial students must obtain the Dean's permission to register and must satisfy the lecturer in the course concerned that they have sufficient ability to do the work in such a course. Applications may be refused if limitation of space in lecture rooms and laboratories requires it. A student who has tried and failed to matriculate is not allowed to register as a partial student except in special circumstances.

If a partial student wishes to secure credit for a course, he or she must fulfil all the requirements of classroom work and tests which are prescribed for that course for regular students.

A partial student who has successfully passed the courses of a previous year is not necessarily accepted at a later session.

Subject to the above limitations, lectures are open to partial students in both honours and general classes. Such a student may request the Registrar to issue a certificate stating that he has followed certain courses

and showing his class standing in each. Work taken by a partial student cannot, however, be counted towards a McGill degree without a special vote of Faculty.

Partial students are not eligible for scholarships, bursaries, medals, or prizes.

PERIOD OF STUDY

The regular length of the course for a B.A., B.Sc., B.Com., or B.F.A. degree is four years from Junior Matriculation, or three years from Senior Matriculation. Students from other universities are sometimes admitted to the upper years, but the bachelor's degree is never conferred upon a student who has spent less than two years in the Faculty.

REGISTRATION

First Year students register on Friday, September 21st, in the Sir Arthur Currie Gymnasium-Armoury, from 9.00 a.m. to 4.00 p.m.

Upper year students register on Friday, September 28th, from 9.00 a.m. to 4.00 p.m., and Saturday, September 29th, from 9 00 a.m. to 12.00 noon.

After the above official days of registration a special late registration fee must be paid (see General Information pamphlet).

No student is admitted after October 17th except by special permission of the Dean.

Special regulations for the registration of women students are given in the General Information pamphlet.

ADVISERS

Students may consult the Dean, any of the Group Chairmen, or the Assistant Dean, at any time. Women students may also consult the Warden of the Royal Victoria College.

ADVANCED COURSES IN THE FIRST YEAR

The Departments giving instruction in the First Year offer special lectures or work of a more advanced character to students with adequate qualifications. These advanced courses are generally arranged by the Departments when lectures actually commence.

Students in the First Year who have the necessary qualifications may be permitted by the Dean to take one or more Second Year courses.

GENERAL DEGREES AND HONOURS DEGREES

An undergraduate in the Faculty of Arts and Science may proceed to a General Degree, involving the study of a fairly wide range of subjects with a limited amount of specialization, or to an Honours Degree which,

after the Second Year, necessitates almost complete specialization in either one or two subjects. For details see the Announcement of the Faculty of Arts and Science.

The word "Honours" is used in the Faculty of Arts and Science in the above sense only. Students who have shown marked ability while proceeding to a General Degree may be awarded Distinction or Great Distinction upon graduating, but do not obtain Honours.

Students in the School of Commerce who specialize in Economics may obtain Honours in this subject. Other students in the School may be awarded Distinction or Great Distinction.

ATTENDANCE

Students in the First and Second Years are required to attend at least seven-eighths of the total number of lectures and of the total number of laboratory periods in each course.

EXAMINATION MARKS

The pass mark in all examinations is 50 per cent, and the minimum marks for first and second class standing are 80 per cent and 65 per cent respectively.

THE TWO TERMS

The regular session is divided into two terms, the first starting about the 1st of October and the second starting about the 12th of January. In the first term, however, lectures in the compulsory courses of the First Year begin a week earlier. (For Calendar, see the General Information Pamphlet.) Students commencing a year in the Faculty are normally permitted to enter only at the beginning of the Fall term.

ADMISSION TO THE SECOND AND THIRD YEARS

Applications for entrance to the Second and Third Years of the Faculty should be made to the Registrar's Office on the proper forms, and must be accompanied by complete details of previous school and university work. (*See also page 425.*)

To obtain a bachelor's degree a student must spend at least two years in McGill College.

CONCERNING STUDENTS WHO INTEND TO PROCEED INTO THE PROFESSIONAL FACULTIES

Each undergraduate in the Faculty is required to register for one of the four bachelor's degrees offered (see page 411), and, unless otherwise instructed by the Dean, must follow the regular work of his year toward this degree.

Students intending to transfer into one of the professional faculties before graduating in Arts and Science should make themselves familiar with the entrance requirements of the faculty they seek to enter and should see that the courses they choose conform with these requirements.

For details concerning the granting of the B.A. or B.Sc. degree to students who transfer into the Faculty of Medicine or the Faculty of Dentistry at the end of the Third Year, see the Announcement of the Faculty of Arts and Science.

SCHOLARSHIPS AND BURSARIES

A separate announcement giving details of scholarships and bursaries may be obtained from the Registrar's Office.

EXAMINATIONS RECOGNIZED FOR ADMISSION TO THE UNIVERSITY

McGill University recognizes a number of public examinations as conferring, in certain circumstances, the equivalent of Junior or Senior Matriculation standing for admission to the Faculty of Arts and Science, the Faculty of Engineering, and other faculties and schools.

The Admissions Committees of the various faculties require generally that:

(1) The certificate has been obtained under no easier conditions than those of McGill Matriculation.

(2) The subjects of the examination and the school course followed are those the University requires.

(3) The school records and confidential reports are satisfactory.

Candidates who wish to enter by certificate should in no circumstances come to the University without first having obtained an official acceptance of their application.

The following gives a brief outline of the certificates and examinations *which will be considered on their merits* towards meeting the University entrance requirements. For more extensive lists and further details see the School Certificate Examinations Announcement.

1. *For admission to the First Year of the B.A., B.Sc., B.Com., B.F.A., B.Eng., B.Arch., B.Sc. (Agr.), B.Sc. (H.Ec.), and B.Sc. (P.Ed.) courses:*

Canada

The recognized Junior Matriculation or equivalent examinations of the various provinces.

Great Britain

In the new General Certificate of Education, passes in six subjects, including two at Advanced level, will be the normal standard for admission. The various faculties specify which subjects must have been passed at Advanced level.

United States

The tests of the College Entrance Examination Board. All candidates from the United States are advised to write these tests, preferably at the January or the March session. The Scholastic Aptitude tests and three Achievement tests, the latter chosen in consultation with the applicant's school Principal, should be taken. Further particulars are available from the Registrar's Office.

Miscellaneous

Other certificates such as those issued by universities or public examining boards will be judged on their merits and accepted if they meet all the University requirements.

2. *For admission to the Second Year of the B.A., B.Sc., B.Com., B.F.A., B.Eng., B.Arch., B.Sc. (Agr.), B.Sc. (H.Ec.), and B.Sc. (P.Ed.) courses, to the First Year of the School of Physiotherapy, and to the degree course in Nursing:*

Canada

The recognized Junior and Senior Matriculation or equivalent examinations of the various provinces.

Great Britain

In the new General Certificate of Education, passes in six subjects, including three appropriate subjects at Advanced level.

United States

Completion of one year in an approved college with a suitable syllabus and good grades.

McGill University

Montreal

School Certificate Examinations

June and September 1952

ARMOUR LIBRARY
MCGILL UNIVERSITY

McGill University

Montreal

School Certificate Examinations

June and September 1952

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

INDEX

	Page
Accountancy	539
Admission:	
To Agriculture	514
To Arts and Science	511, 536
To Engineering	513, 538
Algebra	528, 529, 549
Analytical Geometry—*See Co-ordinate Geometry*	
Arithmetic	527
Art—*See Drawing*	
Biology	515, 540
Botany	516
Certificates Recognized	532, 551
Chemistry	518, 542
Co-ordinate Geometry	549
Drawing	518, 543
Elementary Algebra	528
Elementary Geometry	529
English	519, 543
Fees	506
French	521, 545
Geography	522, 546
Geometry	529, 549
German	523, 547
Greek	523, 547
History	524, 547
Junior Matriculation	505, 511
Junior School Certificate	505, 506, 509
Latin	527, 548
Mathematics	527, 549
Music	530, 549
Physics	530, 550
Spanish	532, 551
Senior Matriculation	505, 536
Senior School Certificate	505, 506, 535
Trigonometry	529, 549

The School Certificate

As the result of a careful study of the functions of its public examinations, McGill University first offered in 1944 two new certificates, the Junior School Certificate and the Senior School Certificate. These certificates are awarded to candidates who pass examinations in subjects which form a reasonable course of study for a secondary school pupil.

Formerly the only certificates the University awarded were the Junior and the Senior Matriculation certificates. To obtain one of these a boy or girl had to qualify for admission to the first or the second year of a regular university degree or diploma course. This meant that school curricula were influenced by the entrance requirements of university faculties. The University no longer offers either the Junior or the Senior Matriculation certificates.

The School Certificates are obtainable on easier terms than the former matriculation certificates and candidates have a much wider choice of subjects, so that schools now have far greater freedom in planning their curricula.

It must be emphasized, however, that the School Certificate does not automatically admit to any faculty or school of the University. To matriculate, i.e., to enter the University, a candidate must write and pass all the papers required by the faculty he wishes to enter and obtain the average mark the faculty has set. Thus, to enter the Faculty of Arts and Science an applicant must write ten papers (see page 511), although he may obtain the Junior School Certificate by writing eight papers only.

For the recognition of these Certificates for admission into the various faculties of the University, see pages 511 to 514 and pages 536 to 538.

School Certificate Examinations

GENERAL REGULATIONS

JUNE AND SEPTEMBER EXAMINATIONS

The School Certificate examinations are held in June and September—in June at McGill University and also at local centres; in September, at McGill University only. The time-tables for these examinations are issued in February each year.

All inquiries relating to the examinations should be addressed to the Registrar of the University.

APPLICATION FORMS

Every candidate for examination is required to fill in an application form and return it to the Registrar's Office with the necessary fee before the 20th of May* or the 20th of August, for the June or September examinations respectively. After these dates applications may be accepted for the Montreal centre only. A special late fee of $1.00 is charged for such applications.

FEES

Junior Examination. The Junior Examination fee is $2.00 per paper with a maximum fee of fifteen dollars.

Senior Examination. The Senior Examination fee is $3.00 per paper with a maximum fee of twenty dollars.

REGULATIONS CONCERNING FEES

In centres outside Montreal candidates may be required to pay the whole or part of the expenses of invigilation.

A fee of $1.00 is charged for late applications (*see above*).

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*Candidates wishing to take the Senior School Certificate examination in Oral French (*see page 546*) at a centre outside Montreal must notify the Registrar in writing before the *first of April* in addition to making application on the usual forms. The University will then decide whether this examination can be held at the requested centres.

No refunds are paid to candidates after the last day of registration (20th May or 20th August), excepting only when a candidate is absent throughout the whole examination on account of illness, and a medical certificate to this effect is presented within four weeks of the close of the examination.

Fees paid for one examination cannot be credited towards a subsequent examination.

CERTIFICATES

The examinations may be taken in parts but the University will issue a School Certificate only on the results of examinations written within a period of sixteen months.

This rule also applies to the recognition of certificates granted by other examining bodies.

School Certificates are issued only to candidates who have passed the complete University School Certificate Examination.

TEXTBOOKS

JUNIOR SCHOOL CERTIFICATE

The University does not recommend or refer to specific textbooks in the syllabi of its Junior School Certificate Examinations, except in Mathematics. Set "texts", however, form an essential part of the language papers.

SENIOR SCHOOL CERTIFICATE

The University has also discontinued the recommendation of some of the Senior School Certificate textbooks, but in other subjects it is considered desirable that the work should follow closely that of the corresponding course in the first year of the Faculty of Arts and Science, and in such subjects the textbooks used in the University courses have been retained as Senior School Certificate textbooks for the present.

CONSULTATION WITH DEPARTMENTS

The University Departments concerned will be pleased to give school principals or specialist teachers advice concerning methods or books of reference, and to discuss problems that may arise in connection with the syllabi for either the Junior or the Senior School Certificate Examinations. The Registrar will be glad to arrange such conferences.

PREVIOUS PAPERS

Books containing the examination papers set in either June or September of any one year may be obtained from the University Cashier at twenty-five cents a copy, so long as quantities last.

PUBLICATION OF RESULTS

Each candidate will receive a statement of his results as soon as they are ready. The certificates are sent to successful candidates a little later.

A list of the successful candidates is published in the Press. This list gives the class of the certificates obtained and any distinctions gained, but does not give any relative order of merit within the three classes.

The actual marks in each paper are sent to each candidate and are given on the back of the certificate but are not otherwise published.

Junior School Certificate

REQUIREMENTS FOR THE CERTIFICATE

To obtain a School Certificate a candidate must complete the requirements within a period of sixteen months. This allows four attempts in the June and September examinations of two successive years.

For first and second-class certificates two attempts only are allowed. For details, see page 510.

The pass mark in each paper is fifty per cent. To obtain the certificate a candidate must write eight papers chosen according to the regulations that follow and must *either* pass in every paper *or* obtain an average of at least sixty per cent in the eight papers with no individual mark below forty per cent.

COMPULSORY PAPERS

English Literature
English Composition
*French Grammar and Comprehension

OPTIONAL PAPERS

Five papers on optional subjects must be chosen from not less than two of the three groups below:

GROUP I	GROUP II
Algebra	French Translation and Authors
Geometry	German (two papers)
Chemistry	Spanish (two papers)
Physics	Latin (two papers)
Botany	Greek (two papers)
Biology	
Intermediate Algebra	
Trigonometry	
Higher Arithmetic	

*The University may, in special circumstances, permit candidates to substitute another modern language for French.

GROUP III

General History *or* British History
Canadian History
Geography
Art
Music

A candidate may write more than eight papers—in fact ten are required for entrance to the University (see page 511)—but the certificate is awarded on the eight papers only. If a successful candidate writes more than eight papers, the class of the certificate he receives is reckoned on the subjects in which he has the highest marks. If such a candidate offers a subject, such as Latin, which has two papers, the marks in both these papers must either count towards the certificate or be neglected, i.e., a candidate cannot count towards his certificate the better of two Latin marks and the better of two German marks.

FIRST, SECOND, AND THIRD CLASS CERTIFICATES

Successful candidates are awarded a School Certificate of the first, second, or third class.

To obtain a first or second class certificate a candidate must complete the examination in not more than two attempts within a period of sixteen months and may write a part of the examination at each attempt. The marks obtained in his first attempt will always be counted towards a third class certificate, but will not be counted towards a first or second class certificate if he fails in more than one paper. To obtain a first or second class certificate such a student must rewrite the whole examination, and the certificate will be awarded solely on the marks obtained at the second attempt.

An average of 80% or over in all the papers required for the certificate entitles a candidate who has complied with the previous regulation to a first class certificate.

An average of 70% or over obtained under the same conditions, entitles a candidate to a second class certificate. Other successful candidates receive a third class certificate.

DISTINCTIONS

Candidates who obtain 80% or over in any subject are given distinction in this subject. Distinction is not given in *single* papers of Mathematics or the languages (including English).

ENTRANCE REQUIREMENTS OF FACULTIES ADMITTING STUDENTS ON THE BASIS OF THESE EXAMINATIONS (JUNIOR MATRICULATION)

FACULTY OF ARTS AND SCIENCE

To qualify for admission to the first year of the Faculty of Arts and Science a candidate must pass (i.e. obtain 50%) within a period of sixteen months in each of the ten McGill School Certificate papers listed below, or their recognized equivalents. For entrance to the B.A., B.Com., or B.F.A. course, an average mark of at least 65% must be obtained in the ten papers combined. For entrance to the first year of the B.Sc. course, the candidate must normally obtain an average of at least 70%. Special consideration may, however, be given to B.Sc. candidates who have secured an average of 65% to 70% and have shown special distinction in such scientific subjects as they have taken in their matriculation, i.e. Mathematics, Chemistry, Physics, Biology, or Botany.

If a candidate for admission to the Faculty of Arts and Science chooses to re-write one or more papers in which he has already passed, in an attempt to raise his average sufficiently to meet the entrance requirements, his application may be given consideration subject to the following provision, that only the mark obtained in the *final* attempt at the paper will be counted.

1. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.A. DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
1	History (British *or* General)
2	Latin *or* Greek
2	Two papers in Greek *or* Latin (the one not already chosen), *or* French, *or* German, *or* Spanish
2	Elementary Algebra Elementary Geometry

1	One of the following: Biology; Botany; Chemistry; Drawing; Geography; Physics; Music; Intermediate Algebra; Trigonometry; Canadian History; a foreign language not already chosen (the average of the two foreign language papers is counted)

10 papers

2. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Sc. DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
1	History (British *or* General)
2	French *or* German (both papers)
2	Elementary Algebra Elementary Geometry
1	One of the following: Biology; Botany; Chemistry; Physics
2	*Either* Latin *or* Spanish *or* French *or* German (if not already chosen) *or* any two of the following papers not already chosen: (a) Intermediate Algebra (b) Trigonometry (c) Biology *or* Botany (Biology and Botany may not both be chosen) (d) Chemistry (e) Geography (f) Physics (g) Canadian History (h) Music *or* Drawing (Music and Drawing may not both be chosen)

10 papers

3. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Com. DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
1	History (British *or* General)

2	Elementary Algebra Elementary Geometry
2	Latin, Greek, French, German, *or* Spanish (French preferred)
3	Chosen from the following: Any one or more of the above languages not already chosen, Intermediate Algebra, Trigonometry, Chemistry, Physics, Biology (or Botany), Geography, Canadian History, and *either* Music *or* Drawing.
10 papers	

4. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.F.A. DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
2	French
1	History
2	Latin *or* Greek *or* Mathematics
3	Papers chosen from the following: Latin (2 papers), Greek (2 papers), Algebra, Geometry, Art, Geography, Music, Canadian History, Botany (or Biology), Physics, Chemistry
10 papers	

If a candidate does not offer Art at Junior Matriculation, he must present evidence of his technical qualifications for entering the course in Fine Arts.

FACULTY OF ENGINEERING

ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Eng. AND B.Arch. DEGREES

The subjects required for admission into the first year of the Faculty of Engineering are the same as those required for the first year of the B.Sc. courses. A general average of 60%, with not less than 60% in each paper in Mathematics, Physics, and Chemistry, is required.

FACULTY OF AGRICULTURE

1. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Sc. (Agr.) DEGREE

In the University's own examination ten papers are required.

No. of Papers	Subject
2	English
1	History
2	Latin *or* French *or* German *or* Spanish (French preferred)
2	Elementary Algebra Elementary Geometry
1	Physics *or* Chemistry *or* Biology
2	EITHER Latin *or* French *or* German *or* Spanish (if not already chosen); OR Any two of the following papers not already chosen: (a) Intermediate Algebra (b) Trigonometry (c) *Botany *or* *Biology (d) Chemistry (e) Physics (f) Drawing (g) Geography (h) Canadian History (i) Music (Household Science candidates only. Music and Drawing may not both be chosen.)
10 papers	

2. ADMISSION TO THE FIRST YEAR OF COURSES LEADING TO THE B.Sc. (H.Ec.) DEGREE

The requirements are those of the B.Sc. (Agr.) courses printed above, with the modifications noted.

*Botany and Biology may not both be chosen.

PRESCRIPTION OF WORK IN EACH SUBJECT

For the examinations in June and September 1952

In all papers marks will be deducted for errors in spelling and grammar.

BIOLOGY

One examination paper.

All the subjects mentioned should be studied practically, both in the field and in the classroom. Vivaria and aquaria should be kept and plants should be grown in soil and water culture. Pupils should be encouraged to collect material and so add to the school museum. Typical preparations and demonstration dissections should be made. In small classes pupils might do some dissection personally. Simple experiments should be used wherever possible. The use of a hand lens is essential for every pupil and a microscope should be available.

I. *Plants: Algae:* one unicellular type, and either Spirogyra or Ulothrix. *Fungi:* Bacteria, Yeast, Bread mould, Wheat rust, a Mushroom. *Lichens:* general study only. *Bryophyta:* Marchantia or any one Moss. *Pteridophyta:* a Fern. *Gymnosperms:* a Conifer. *Angiosperms:* one herbaceous monocotyledon, one herbaceous dicotyledon, one dicotyledonous tree.

The following points should be considered in studying the above: adaption to environment, structure, life-history, physiology, seasonal changes.

II. *Animals: Protozoa:* Amoeba, Paramoecium, Plasmodium. *Coelenterata:* Hydra. *Platyhelminthes:* Tape worm. *Annelida:* Earthworm. *Arthropoda:* Crayfish or Grasshopper. *Pisces:* Perch or any other fish. *Amphibia:* Frog. *Reptilia and Aves:* the external characters of any one reptile and any one bird. *Mammal:* Rabbit or Rat.

The following points should be considered in studying the above: adaptation to environment, structure, physiology (including locomotion, nutrition, circulation, respiration, secretion, excretion, nerve control, action of hormones, growth), reproduction, seasonal changes.

III. *General:* The general structure of a plant cell and of an animal cell as seen in Spirogyra and Amoeba. Euglena as illustrating both plant and animal characters. The properties of living matter. The differences between animals and plants.

Elementary outlines of the principles of heredity and variation among plants and animals.

Simple evidence of the theory of evolution.

IV. *Field Natural History:* Trees and animals of the neighbourhood. Relation of plants and animals to their physical environment and to one another in *one* type of community, such as woodland, pasture, cultivated land, swamp, or an aquatic community. The dominant plants and animals of this community.

V. A general study of the interrelations of plants and animals with man, and of the importance of plants and animals as sources of food, shelter, clothing, and commercial products, with special reference to the types studied in sections I and II.

Suggested topics:

Plants: Green plants as basic food supply. Plant geography and plant industries of North America in relation to climate. Organic decay and the carbon and nitrogen cycles. Control of pathogenic bacteria and fungi.

Animals: Protozoan and other parasites as causal agents of disease. Insects, useful and injurious, in relation to human health, farm stock, crops, and forests. The place of birds in nature. Food animals. Fur-bearing animals in relation to climate.

BOTANY

One examination paper.

All the subjects mentioned should be studied practically. Aquaria should be kept, plants grown in soil and water culture, and simple physiological experiments carried out. The use of a hand lens is essential for every pupil and a microscope should be available.

The items of the syllabus may be studied in any suitable order.

I. Organs and Cells

The general external characters and structure of a flowering plant considered in relation to its mode of life.

Structure of a plant cell; properties of protoplasm; types of cell.

II. Types and Classification

The general structure, life history, relation to environment, and broad classification of the following types:

Thallophyta: Algae—Oscillatoria, Protococcus, Spirogyra, Oedogonium, Fucus or Laminaria.

Fungi—Bacteria, Yeast, Mould, Mushroom, other Fungi, including at least one parasitic form.

Lichens—general.

Bryophyta: A Liverwort, a Moss.

Pteridophyta: A Fern, Equisetum, Selaginella.

Spermatophyta: Gymnosperms—one Conifer type and general characters of other local species.

Angiosperms—a Monocotyledon; Dicotyledons—herbaceous and tree types. General structure of flower, fruit, and seed. Comparison with homologous structures of preceding types.

Leading characters of the groups listed above. Trends in the evolution of a many celled body and of sexual reproduction as illustrated by the algal types, and of alternation of generations and adaptation to land life as displayed by the higher forms.

General characteristics and common plants of the following families of flowering plants: Liliaceæ, Gramineæ, Orchidaceæ, Ranunculaceæ, Rosaceæ, Leguminosæ, Umbelliferæ, Solanaceæ, Labiatæ, Compositæ.

III. Physiology and Histology

Elements of the microscopic structure of a typical leaf, root, herbaceous stem, and woody stem studied in relation to the functions of the organ and its parts.

Essentials of nutrition (photosynthesis, mineral nutrition, storage of foods, special modes of feeding), respiration, water relations, growth, tropisms, and reproduction. The organism as a whole. Seasonal changes in perennial herbs and trees.

IV. Field Natural History

Common trees and some other plants of the neighbourhood. Elements of the ecology of at least one local area, such as wood, meadow, swamp, or seashore. Adaptation to environment. Modes of pollination and of distribution and germination of seeds.

V. Heredity

Elementary outline of the principles of heredity and variation as applied to plants.

VI. Relation to Man

Green plants as the basic food supply. Man's staple food plants. Nature and source of other important plant products, e.g., lumber, fibres, paper, rubber. Useful bacteria and fungi; organic decay, carbon and nitrogen cycle. Pathogenic bacteria and fungi and their control. Main types of vegetation found in North America, with emphasis on Canada; their relation to climate and to human activities.

CHEMISTRY

One examination paper.

The proficiency in Chemistry will be examined on evidence of an elementary knowledge of:

The properties of matter as required to establish the Molecular Theory of Gases, the Atomic Theory, the Theory of Ionization, and the Periodic Law.

The composition, physical properties, and chemical transformations of common materials such as the atmosphere, natural waters, common minerals and ores, metals and alloys, foodstuffs and textiles.

The preparation and properties of the more common non-metallic elements: Hydrogen, Carbon, Nitrogen, Oxygen, Silicon, Sulphur, and Chlorine together with their simple compounds of economic importance.

The preparation and properties of the more common metallic elements: Sodium, Calcium, Magnesium, Aluminium, Iron, Copper, and Silver together with their simple compounds of economic importance.

The principal chemical industries including the fixation of nitrogen, the utilization of brines as in the preparation of soda ash, sodium hydroxide and chlorine, the distillation of petroleum products, and the utilization of wood cellulose.

The nature of chemical reaction including the factors affecting the rate of chemical reaction, exothermic and endothermic reactions, the principle of mass action, the nature of oxidation and reduction as exemplified by combustion and the winning of metals.

An elementary conception of valence in the formation of electrovalent and covalent compounds.

DRAWING

One examination paper.

Candidates must take two parts. They may take:

(a) Parts I and II

or (b) Parts III and IV

or (c) *one* of III and IV and *one* of V and VI.

PART I

Elementary problems in the graphic geometry of the circle, ellipse, and plane rectilinear figures.

PART II

(*a*) Reproduce freehand ornament designs from flat copies.

(*b*) Make drawings, by freehand, or otherwise, of objects described, illustrating the principles of perspective.

(*c*) Make outline drawings of objects placed at a short distance.

PART III

Make a drawing in light and shade, with charcoal or pencil, of a plaster cast or a still life group.

PART IV

Make water colour drawings of still life groups.

PART V—COMMERCIAL ART

(*a*) Lettering, including Roman and Gothic.

(*b*) Posters, Magazine Page Advertisements.

(*c*) Illustration, in colour and otherwise.

PART VI—CRAFT DESIGN

(*a*) Principles of ornament and decoration.

(*b*) Historic Styles.

(*c*) Themes, compositions, or designs, founded on flowering plants, birds, fishes, butterflies, animals, and humans, for specific purposes, such as: wall papers, embroideries, silver and copper work, jewellery, stained glass, decoration of pottery, cups and saucers, etc.

ENGLISH

Two examination papers: one in Composition, and one in Literature.

COMPOSITION

Short essays on general subjects including at least one question in which the candidate is addressing a particular audience. There will be a wide choice of subjects but the practice of setting essays on the general readings in English Literature has been discontinued. There are no special readings required for the Composition paper.

LITERATURE

For critical study:

1 Poets:	1952	Coleridge, Wordsworth, Browning, Arnold as in Dilworth, *Nineteenth Century Poetry*
		to alternate with
	1953	Byron, Shelley, Keats, Tennyson
2 Shakespeare:	1952	*Richard III* or *Henry IV Part I*
	1953	*Macbeth* or *Coriolanus*
	1954	*Julius Caesar* or *Hamlet*

For general reading:

3 Novels:	1952	Dickens, *Pickwick Papers* or *Nicholas Nickleby* or *David Copperfield*
		and
		either Austen, *Pride and Prejudice*
		or Roberts, *Northwest Passage*
	1953	Scott, *Heart of Midlothian* or *Kenilworth*
		and
		either Conrad, *Victory*
		or Wells, *The History of Mr. Polly*
	1954	*Either* Hardy, *Far from the Madding Crowd*
		or Thackeray, *Henry Esmond*
		and
		either Cather, *Shadows on the Rock*
		or Lever, *Henry Lorrequer*
4 Shakespeare:	1952	*As You Like It* or *Romeo and Juliet*
	1953	*The Merchant of Venice* or *Twelfth Night*
	1954	*Henry V* or *A Midsummer Night's Dream*
5 Essays:		Selections from the essays of *any three* of the following writers—Bacon, Addison, Steele, Goldsmith, Lamb, Hazlitt, Stevenson, Emerson,
		and
		Selections from the work of any 20th century essayist or essayists (not necessarily in a single volume).

A total of not less than twenty essays will be expected in the two categories taken together.

6 Twentieth Century Literature:

1952 and 1953: One of the following:

Shaw, *Saint Joan*
Galsworthy, *Strife* or *Loyalties*
Curie, *Madame Curie*
Agnes Newton Keith, *Land Below the Wind*
A collection of modern poetry
A collection of modern short stories

FRENCH

Two examination papers: one in Grammar and Comprehension; the other in Translation and Authors.

GRAMMAR AND COMPREHENSION

The examination will consist of the following four parts:

A. Oral Comprehension

Either a passage in French will be read to the candidates who will then be asked to anwer, in English, questions on this passage, or a French dictation will be given.

B. Written Comprehension

One or more short passages in French will be given to the candidates to read. They will then be asked to answer, in English, questions on these passages.

C. French Composition

A short essay to be written in French upon a topic selected by the candidate from a list printed on the examination paper.

D. Grammar

(a) Simple English sentences to be translated into French.

(b) Questions on fundamental grammatical forms (plurals, tenses of verbs, feminines, etc.).

A detailed syllabus may be obtained from the Registrar's Office.

TRANSLATION AND AUTHORS

A. Translation from English into French.

B. Translation from French into English:
one sight passage,
one or more passages from the texts.

C. Questions on the texts to be answered in French.

French Texts:

1952. Daudet, *Tartarin de Tarascon* (Holt); Acremant, *Ces Dames aux Chapeaux Verts* (Oliver & Boyd).

1953. Merimée, *Colomba*, Ed. Robert Humphreys (Copp-Clark); Deval, *Tovaritch*.

GEOGRAPHY

One examination paper.

Geography is taken to be primarily the study of the earth as the home of differentiated communities and cultures; this calls for a clear understanding of the ways in which men have shaped the habitable parts of the environment to their own ends and have themselves been influenced in the process. It also calls for an examination of the functional role of land forms, rivers, climates, vegetation, etc., in guiding human activities.

It is assumed that candidates will know how to handle topographic, climatic, and distributional maps, and that they will be able to draw simple sketch maps (e.g. of their home area). They may be asked to insert data on a base map of a given country or continent, and to describe and analyze the geographical features of selected photographs.

A. General Geography (two-fifths of the course)

A study of the world in outline, with special reference to the following subjects:

Size, shape, and movements of the earth.

Latitude and longitude.

Distribution of land and water.

Tidal phenomena and ocean currents.

Land forms and the agencies modifying them.

Configuration and surface characteristics of the continents.

Factors determining climates: the broad distribution of winds, temperature, rainfall, vegetation, and animal life.

Major natural regions and their characteristic human economies.

B. Regional Geography (two-fifths of the course)

Canada and the United States in considerable detail. Emphasis should be placed on the geographical factors influencing their settlement and subsequent economic development.

C. Maps (one-fifth of the course)

The elements of map-making and map-reading. Candidates are expected to show familiarity with the topographical maps produced by the Hydrographic and Map Service Branch of the Department of Mines and Resources.

GERMAN

Two examination papers: one on prescribed texts, and one on grammar and translation of continuous passages from German into English and from English into German.

B.A.

Texts (Translation and grammatical study): Guerber, Märchen und Erzählungen Vol. 1. (Heath), Numbers 1, 2, 5, 6, 7, 8, 11, 12, 13, 14, 15; A. Sapper, Frieder, Im Thüringer Wald (F. S. Crofts & Co., New York, 1934).

Grammar: A thorough knowledge of German accidence and syntax.

Translation at Sight from English into German and German into English of easy prose passages.

B.Sc.

Texts (Translation and grammatical study): Guerber, Märchen und Erzählungen Vol. 1, (Heath), Numbers 1, 2, 5, 6, 7, 8, 11, 12, 13, 14, 15; and Fiedler and Sandbach, A first German Course for Science Students (Oxford University Press).

Grammar: A knowledge of German accidence and syntax.

Translation at Sight of sentences from English to German and of easy prose passages from German into English.

GREEK

Two examination papers: one on Colson and Grammar; the other on Allen and Composition.

Texts: Colson, Greek Reader, Parts III, IV, V (Macmillan); Allen, The First Year of Greek, Lessons 1-34 inclusive, with the Exercises belonging to these lessons (Macmillan).

Grammar: Knowledge of grammar will be tested by translation and by grammatical questions based on the specified texts.

HISTORY—1952 only. The Syllabus for 1953 will be published early in 1952.

One examination paper is offered in each of the three following fields:

(*a*) *General History from 1618-1914*

(*b*) *British History from 1714-1914*

(*c*) *Canadian History to 1927*

In preparing for the History papers a rigid adherence to any one author or to any one book is quite undesirable. Instead, a broad and extensive basis of reading and study should be encouraged, provided always that the standard of historical scholarship normally recognized as applicable to the last two years of secondary school work is not exceeded.

GENERAL HISTORY and BRITISH HISTORY

For both the European continent and the British Isles a descriptive knowledge of the principal physiographical features and their historical influence is assumed; also a similar descriptive knowledge of races and nationalities with their geographical distribution and inter-relations.

Candidates should be trained in an elementary technique in dividing their subject as a whole into successive periods or eras. For each successive period this elementary technique should be carried to a point at which a candidate is equipped to indicate the following : 1—the prevailing and distinctive characteristics of a period together with the transitional influences leading to the next; 2—the political and other movements common to several countries at the same time; 3—the history of individual countries or States both large and small, when these are of outstanding importance; 4—the changing views of the nature of the State and of the nature of government and public authority; 5—international relations and foreign policy in general; 6—the Balance of Power, the purposes and objects of wars, military and naval history, treaties of alliance and of peace; 7—such leading topics as the Eastern Question, Mediterranean rivalry, the Rhine as a frontier, the Polish and the Irish Questions, etc. Religious changes and the history of Churches should be viewed in the light of their relations with the State as well as of their broader connections with society. A beginner's acquaintance should be sought with different ways of political thinking involved in such schools of thought as Liberalism, Conservatism, Reaction, Socialism, Imperialism, Nationalism, etc. To these should be added an elementary study of commerce and commercial rivalry, of transport and transportation routes, together with an outline sketch of the progress of science, of industry and industrial life, of education, letters, and the fine arts. For the British Isles, industry, industrial life, and constitutional development are naturally to be stressed.

General history (1618-1914) is intended to include the history of European countries during this period, together with some knowledge of that of their colonies.

A supplementary use of biographies and of historical fiction is strongly advised. The following books are suggested as examples of what the candidates may be recommended to read in this connection, but it is not intended to imply that teachers should not be at liberty to suggest additional works to their classes in accordance with their particular interests. The paper will include questions which will give candidates an opportunity of showing their knowledge of these supplementary readings.

General History, 1618-1914:

K. Federn:	Richelieu
F. Watson:	Wallenstein
J. Buchan:	Cromwell
F. Funck-Brentano:	The Old Regime in France
A. Young:	Travels in France
H. Fisher:	Napoleon
J. Holland Rose:	The Personality of Napoleon
P. Guedalla:	The Hundred Years
H. du Coudray:	Metternich
P. Guedalla:	The Second Empire
G. M. Trevelyan:	Garibaldi and the Thousand
E. Ludwig:	Bismarck

British History, 1714-1914:

J. Addison:	Essays from the Spectator
H. Walpole:	Selected Letters (Everyman)
J. L. and B. Hammond:	The Village Labourer
Cobbett:	Rural Rides
P. Guedalla:	The Duke
J. L. and B. Hammond:	Lord Shaftesbury
Mrs. Craik:	John Halifax Gentleman
L. Strachey:	Queen Victoria
L. Strachey:	Eminent Victorians
A. Maurois:	Disraeli
Quennell:	History of Every-day Things in England, 1733-1851
H. Spring:	Fame is the Spur

CANADIAN HISTORY TO 1927

There are no textbooks assigned to this course. Such histories of Canada as Stuart Wallace's *History of the Canadian People*, or Duncan McArthur's *History of Canada*, or G. W. Brown's *Building the Canadian Nation* are useful in drawing together the various aspects of the subject.

A general knowledge of Canadian history should be sought. Candidates must be familiar with the main features of Canadian geography, and be able to relate these features to historical development in successive periods. Special attention should be given to social and economic history; political and constitutional history may be taught best in relation to social and economic growth. It is desirable, also, that students have some knowledge of the racial groups from which the modern Canadian people evolved.

(1) Geography; the North American Indians.

(2) The Era of Discovery, 800-1600.

(3) Canada as a Province of France, 1600-1763.

The Fur Trade and Exploration; the peopling of New France; the place of the Church in the life of the Province; the government of New France; the struggle for supremacy in North America.

(4) Canada as a British Province, 1760-1860.

French Canada and British rule; contests with the United States, 1775-1814; the West and the Fur Trade; the coming of the British immigrants; the lumber trade and the wheat trade in Eastern Canada; transportation by river, road, and rail; the struggle for self-government.

The Confederation movement; the West; the tariff, and the first transcontinental railway; progress in the early twentieth century; the First Great War, and the post-war era; the development of diplomatic relations to 1927.

A wide reading of biographies and of historical fiction is strongly recommended. More specialized books may be consulted also. *The Makers of Canada* contains much good biographical material; *The Chronicles of Canada*, material of a more general character. The following list of books is in no way exhaustive, but is intended to suggest to the teacher some of the books available.

J. L. Burpee:	An Historical Atlas of Canada.
C. W. Jefferys:	Illustrations from Canadian History, Vol. 1.
Brown, Woodley, Denton, and Talman:	Readings in Canadian History.
G. Wrong:	The Rise and Fall of New France.
E. C. Guillet:	The Great Migration.
H. Keenleyside:	Canada and the United States.
D. C. Harvey:	The Colonization of Canada.
G. Bouchard:	Other Days; Other Ways.
A Macmechan:	Old Province Tales.
W. Cather:	Shadows on the Rock.

LATIN

Two examination papers: one on the Prose authors and Composition; the other on the Poets, Sight Translation, and on the textbook *Everyday Life in Rome.*

Texts (Translation and Grammatical study)

Bonney and Niddrie, *Latin Prose and Poetry* (Ginn & Co.)

Cicero III, V, and Letters III, V, VI.
Nepos III, IV, V, VI, IX, XI.
Livy I, VII, VIII.
Pliny IV.
Virgil, Part 1. I-VII.
Part 2. Georgics IV, V.
Aeneid III, IV.
Ovid II, III, VI, VIII, IX, X.
Horace IV, V, VI.
Catullus III, IV, V, VII.

Treble and King, *Every-day Life in Rome* (Oxford)

Knowledge of grammar will be tested by translation and composition, and by questions in grammar based on the specified texts.

Translation at Sight from Latin into English (with the aid of a vocabulary of unfamiliar words).

Composition. Translation into Latin of detached sentences. The vocabulary is based upon the texts studied.

(There will be no questions set upon: subordinate clauses in indirect narration; temporal clauses with *dum*, *donec*, and *quoad; antequam* and *priusquam; quin* and *quominus* clauses; causal and concessive clauses.)

NOTE—The "Roman" method of pronouncing Latin is recommended.

MATHEMATICS

ELEMENTARY MATHEMATICS

HIGHER ARITHMETIC

One examination paper.

1. Addition, subtraction, multiplication, and division of integers. Factors, highest common factor, and least common multiple.

2. Properties of vulgar fractions including addition, subtraction, multiplication, and division. Complex fractions.

3. Properties of decimals including the conversion of vulgar fractions into decimals and vice versa. Extraction of square root. Contracted multiplication and division of decimals.

4. Simple properties of ratio and proportion. The unitary method.

5. Simple properties of percentages, e.g., changing a fraction to a per cent and vice versa, finding what per cent one number is of another.

6. Units of measurement and changing from one unit to another. A knowledge of the standard tables of weights and measures will be expected, e.g., length, area, volume, capacity (liquid and dry), apothecaries (fluid and weight), avoirdupois and troy weight, time, English and Canadian monetary systems. The metric system.

7. Simple mensuration of the rectangle, triangle, parallelogram, trapezoid, circle, cylinder, cone, and pyramid.

8. The construction and interpretation of simple graphic and other representative diagrams of concrete numbers.

Candidates will be expected to apply the preceding principles to the solution of simple problems such as the making of solutions and preparation of dosages, the relation between pressure and temperature of a gas, the comparison between Fahrenheit and Centigrade thermometer scales, etc.

Students should be taught to apply rough approximations, such as

$$\frac{3.1416 \times \sqrt{64.37}}{\sqrt[3]{126}} \approx \frac{3 \times 8}{5} \approx 5$$

to check the accuracy of their work, and they should also be shown how to use tables of squares, square roots, cubes, and cube roots of integers and decimals. A knowledge of circulating decimals will not be required.

ELEMENTARY ALGEBRA

One examination paper.

Elementary rules, involution, evolution, fractions, indices, surds, simple and quadratic equations involving one or more unknown quantities, ratio and proportion, as in High School Algebra by J. T. Crawford (Revised Edition, 1940) published by Macmillan and Co., pp. 1-320, or similar textbooks.

ELEMENTARY GEOMETRY

One examination paper.

The paper will contain questions on practical and on theoretical geometry.

In practical geometry, where the validity of a construction is not obvious, the reasoning by which it is justified may be required. Every candidate must provide himself with a ruler graduated in inches and tenths of an inch, and in centimeters and millimeters, a set square, a protractor, compasses, and a hard pencil. All figures should be drawn accurately.

The questions on theoretical geometry will consist of theorems contained in the textbook prescribed, together with questions upon these theorems, easy deductions from them, and arithmetical illustrations. Any proof of a proposition will be accepted if it forms part of a systematic treatment of the subject.

In the proof of theorems and deductions from them, the use of hypothetical constructions will be permitted. Proofs which are only applicable to commensurable magnitudes will be accepted.

Textbook recommended:—Geometry for High Schools by W. J. Lougheed and J. G. Workman, published by the Macmillan Co. of Canada (1941), omitting pp. 223-224, 242, 308-314, 323-329, or the same subject matter in any similar textbook.

INTERMEDIATE MATHEMATICS

Four-figure mathematical tables will be provided.

INTERMEDIATE ALGEBRA

One examination paper.

Arithmetic, geometric, and harmonic progressions, variation, permutations and combinations, binomial theorem, logarithms, number system, theory of quadratic equations, as in Intermediate Algebra by H. Tate, published by Sir Isaac Pitman and Son, Toronto, or as in similar textbooks.

INTERMEDIATE TRIGONOMETRY

One examination paper.

Measurement of angles, radian measure, trigonometrical ratios of functions of one angle, of two angles, and of a multiple angle, relations between the sides and angles of a triangle, easy problems on heights and distances,

easy trigonometrical equations, as in Elementary Trigonometry by H. S. Hall and S. R. Knight, adapted for use in Canadian Schools (1940 edition), published by the Macmillan Company of Canada, Chaps. I to XI inclusive, omitting paragraph 113a, or as in similar textbooks.

MUSIC

The Intermediate Grade Certificate of McGill University in practical subjects and the Junior Grade Certificate in theoretical, *or* vice versa. (Details will be found in the Announcement of the Conservatorium of Music.)

PHYSICS

One examination paper.

The following are the main topics required in Mechanics, Heat, Electricity, and Magnetism.

Mechanics

Measurements of length, area, volume, mass, and weight. The beam and spring balances.

Uniform and uniformly accelerated motion in a straight line; Newton's laws of motion and simple applications of them. Motion under gravity; the law of gravitation. Moments of forces; composition of parallel forces, equilibrium of forces (parallelogram and triangle laws); centre of gravity, Work, energy, power. Sliding friction. Mechanical advantage of a machine; levers, pulleys, wheel and axle, differential pulley and differential wheel and axle, inclined plane, wedge, screw; efficiency of a machine. Density and specific gravity. Fluid pressure, Pascal's law; hydraulic press. Relation between pressure and depth. Buoyancy; Archimedes Principle; floating bodies. Measurement of specific gravity of solids and liquids; specific gravity bottle, hydrometer.

Weight and pressure of air; barometers, determination of altitude, weather forecasting, Boyle's Law. Air pumps and compressors. Pressure gauge. Suction and force pumps, siphon.

Surface tension and capillarity (qualitative treatment).

Heat

Elementary ideas of the structure of matter and kinetic theory of gases. Sources of heat. Temperature; construction of a liquid in glass thermometer, fixed points, graduation; Centigrade and Fahrenheit scales.

Expansion of solids, coefficient of linear expansion; expansion of liquids, anomalous expansion of water. Expansion of gases, Charles' Law, absolute temperature; the gas equation.

Heat quantity and its measurement in calories and B.T.U., specific heat, capacity for heat; calorimetry by method of mixtures. Change of state; fusion and solidification; effect of pressure on melting point; heat of fusion; freezing mixtures; vaporization, rate of evaporation, saturated vapour, boiling, effect of pressure change (including altitude); heat of vaporization of water; cooling by evaporation. Condensation of water in the air; dew point; relative humidity, wet and dry bulb hygrometer, humidity and health; atmospheric phenomena—fog, clouds, dew, frost, rain, snow, hail.

Mechanical equivalent of heat; steam engine.

Conduction of heat, solids, liquids, and gases; convection, currents in fluids, winds; radiant heat, emission and absorption; heating of buildings, ventilation; refrigeration.

Magnetism

Natural and manufactured magnets; polarity, attraction and repulsion. Magnetic induction, magnetic field. Molecular theory of magnetism. The earth as a magnet; compass, declination, dip.

Static Electricity

Electrification by friction, attraction and repulsion, two kinds of electrification; conductors and insulators; electrons; gold leaf electroscope. Electrification by contact and by induction; testing charge on a body; induced charge equal to inducing charge; charges by friction equal and opposite; charges reside on outside of empty hollow conductor. Action of points, lightning rods. Potential, capacity, condensers, Leyden jars.

Current Electricity

Magnetization of steel by discharge of Leyden jars.

Voltaic cell, electric circuit, series and parallel arrangements. The magnetic, chemical, and thermal effects of a current; Oersted's experiment, magnetic field due to a straight wire, circular wire, and helix; polarity. Action of one current on another, Ampère's Laws, tangent and moving coil galvanometers. Electromagnet. Electric bell and telegraph. Electrolysis of water, laws of electrolysis, coulomb, measurement of current; electroplating. Voltaic cell, chemical action, electromotive force, polarization, local action. Leclanche and dry cells. Storage cells, lead accumulator. Heat developed by current; electric iron, fuses, incandescent lamp and arc light. Ohm's Law; practical units, ampere, volt, ohm; fall

of potential in circuit, method of substitution for measuring resistance. Law of dependence of resistance on length and cross-section of cylinder. Work done in a circuit, rate of working in circuit and in lamp. Ammeters and voltmeters.

Electromagnetic induction; Faraday's experiments. Induction coil. Dynamo, armature, field magnets, commutator for D.C. electric motor, transformer, telephone.

SPANISH

Two examination papers.

One paper will contain questions on grammar, and sentences to be translated from English into Spanish.

The second paper will contain questions on the set text, including translation and comments on the grammar and contents. It will also contain the translation into English of an unseen Spanish passage, and the translation into Spanish of an unseen English passage.

Text prescribed: John W. Crow, *Spanish American Life* (Holt).

EXAMINATIONS RECOGNIZED FOR ADMISSION TO THE UNIVERSITY

McGill University recognizes a number of public examinations as conferring, in certain circumstances, Junior or Senior Matriculation standing for admission to the Faculty of Arts and Science, the Faculty of Engineering, and other faculties and schools.

Admission to the various faculties is based upon standards set from time to time by each faculty. The Admissions Committees require generally that:

(1) The certificate has been obtained under no easier conditions than those of McGill Matriculation,

(2) The subjects of the examination and the school course followed are those the University requires,

(3) The school records and confidential reports are satisfactory.

Candidates who wish to enter by certificate should in no circumstances come to the University without having obtained an official acceptance of their application.

The following certificates will be considered *on their merits* towards meeting the University requirements for the equivalent of Junior Matriculation. It should be particularly noted that possession of a certificate which is listed does not guarantee acceptance.

Candidates for admission offering certificates which are not a full equivalent may be required to pass one or more McGill papers.

PROVINCE OF QUEBEC

The High School Leaving Certificate
The Catholic High School Leaving Certificate

PROVINCE OF ONTARIO

Grade XII

PROVINCE OF NEW BRUNSWICK

Junior Matriculation

PROVINCE OF NOVA SCOTIA

Grade XI Certificate

PROVINCE OF PRINCE EDWARD ISLAND

Second Year Certificate of Prince of Wales College

PROVINCE OF BRITISH COLUMBIA

Junior Matriculation

PROVINCE OF MANITOBA

Grade XI Certificate

PROVINCES OF ALBERTA AND SASKATCHEWAN

Grade XI

NEWFOUNDLAND

Grade XI Certificate

GREAT BRITAIN

In the new General Certificate of Education, passes in six subjects, including two at Advanced level, will be the normal standard for admission. The various faculties specify which subjects must have been passed at Advanced level.

UNITED STATES

1. McGill University recognizes the examinations conducted by the College Entrance Examination Board, P.O. Box 592, Princeton, New Jersey, and all candidates from the United States are strongly advised to write these tests.

2. Applicants for admission should preferably write the January or the March tests, taking the Scholastic Aptitude Test and three Achievement Tests. The Achievement Tests should be chosen in consultation with the applicant's school Principal. Further particulars are obtainable from the Registrar's Office.

3. In addition, applicants must submit their complete High School record and should arrange for a confidential letter from the school Principal or other competent officer to be mailed directly to the University.

MISCELLANEOUS

Other certificates, such as those issued by universities or recognized public Examining Boards, will be judged on their merits and accepted insofar as they meet the entrance requirements.

Senior School Certificate

REQUIREMENTS FOR THE CERTIFICATE

To obtain the Senior School Certificate the candidate must pass in English Literature and English Composition and in at least three of the following subjects:

Accountancy	Greek
Biology	History
Chemistry	Latin
Drawing	Mathematics
French	Music
Geography	Spanish
German	Physics

To satisfy the examiners in a language the candidate must pass in each of the two papers in this language.

To satisfy the examiners in Mathematics the candidate must write and pass at least two of the three papers offered in this subject.

PASS MARK

The pass mark in each paper is fifty percent.

CLASSES OF CERTIFICATE

Successful candidates are awarded a Senior School Certificate of the first, second, or third class.

To obtain a first or second class certificate a candidate must complete the examination in not more than two attempts within a period of sixteen months and may write a part of the examination at each attempt. The marks obtained in his first attempt will always be counted towards a third class certificate, but will not be counted towards a first or second class certificate if he fails in more than one paper. To obtain a first or second class certificate such a student must rewrite the whole examination, and the certificate will be awarded solely on the marks obtained at the second attempt.

An average of 80% or over in all the papers required for the certificate entitles the candidate who has complied with the previous regulation to a first class certificate.

An average of 70% or over obtained under the same conditions, entitles a candidate to a second class certificate. Other successful candidates receive a third class certificate.

DISTINCTION

Candidates who obtain 80% or over in any subject are given distinction in this subject. Distinction is not given in *single* papers of Mathematics or the languages (including English).

UNIVERSITY ENTRANCE REQUIREMENTS (SENIOR MATRICULATION)

Under certain conditions, a candidate may qualify for admission into the second year of the Faculty of Arts and Science or the Faculty of Engineering by writing and passing the required papers of the Senior School Certificate Examination.

FACULTY OF ARTS AND SCIENCE

A candidate may be considered for admission to the second year of the Faculty of Arts and Science if he has passed in the appropriate ten papers of the McGill Junior School Certificate Examination, or their recognized equivalents, and if he has passed within a period of sixteen months in the papers of the McGill Senior School Certificate Examination, or their recognized equivalents, with an average of at least 70% on the examination as a whole. Special consideration may, however, be given to candidates who have received an average of 65 to 70% if they have obtained high standing in all such subjects as they have taken in the examination which are appropriate to the degree course which they wish to enter. These are: *in Arts*—English, Languages, History; *in Science*—Mathematics, Physics, Chemistry, Biological Science; *in Commerce*—English, History, Mathematics.

The same provisions regarding re-written papers applies to Senior Matriculation as apply to Junior Matriculation (see page 511).

Only in exceptional circumstances may a student who has not qualified for entrance to the first year through Junior Matriculation be admitted to the second year by Senior Matriculation alone.

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE B.A. DEGREE

English

Latin or Greek

Mathematics (*see following paragraph and also footnote on page 537*)

Any two of the following:—

1. History
2. Latin *or* Greek (the one not already chosen)
3. French
4. German
5. Spanish
6. Science (Physics *or* Chemistry *or* Biology)
7. Music
8. Geography

Candidates for admission to the University in the second year of the B.A. course may offer, in place of Mathematics, another Senior Matriculation subject in which they have shown marked proficiency and which is in accordance with the trend of the studies which they are preparing to pursue. In general, however, students are advised to offer Mathematics. It is a pre-requisite to all advanced courses in the Science division and must be taken if either Physics or Chemistry is included in the Senior Matriculation programme. It is also a required subject for students who intend to take courses in the Social Sciences, excluding History and Political Science. For this reason, unless a student intends to honour in one of the Humanities (English, Languages, Philosophy) or in Political Science or in History, Mathematics is obligatory. In any case, no student will be permitted to offer another subject in place of Mathematics unless he or she has passed in the Elementary Mathematics of the Junior School Certificate, or their equivalent, and has achieved at least 75% in the Junior School Certificate examinations in History, or a Modern Language, or Classics. Only a subject in which this 75% is obtained may be substituted for Mathematics. If they intend to pursue studies in History, Philosophy, or Political Science, candidates are expected to choose History as their substitute.

Candidates who wish to enter the Faculty of Medicine at the end of the B.A. course must take Mathematics.

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE BSc. DEGREE

English
Mathematics*

*Two papers: one in Algebra and one in Trigonometry. Candidates who have passed in School Certificate Trigonometry may write Co-ordinate Geometry instead of Senior Trigonometry. The paper in Co-ordinate Geometry, written in addition to the other two, if necessary, is strongly recommended for candidates who intend to study for Honours in Mathematics, Physics, or Chemistry.

Physics
Chemistry
French *or* German* *or* Spanish *or* Latin *or* Greek *or* History *or* Biology *or* Geography

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE B.Com. DEGREE

English
Mathematics**
Accountancy***
A modern foreign language
History *or* a second foreign language *or* a Science (including Geography)

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE B.F.A. DEGREE

English
French
History
Art
One other subject

FACULTY OF ENGINEERING

ADMISSION TO THE SECOND YEAR OF COURSES LEADING TO THE B.Eng. AND B.Arch. DEGREES

English
Mathematics (all three papers are required)
Physics
Chemistry
French *or* German* *or* Spanish *or* Latin *or* Greek *or* History *or* Biology *or* Geography.

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*A candidate who has passed the two papers in Junior French may satisfy the Senior B.Sc. or B.Eng. German requirements by passing the Junior examination in German.

**Algebra and Trigonometry. However, a candidate who has passed in School Certificate Trigonometry may write Co-ordinate Geometry instead of Senior Trigonometry.

***Applications of students who have substituted another subject for Accountancy may be considered if their standing is high enough.

PRESCRIPTION OF WORK IN EACH SUBJECT

For the examinations in June and September 1952

In all papers marks will be deducted for errors in spelling and grammar.

ACCOUNTANCY

One examination paper.

Double-entry Book-keeping, including all subsidiary books and ledgers, up to and including the use of Control, Total, or Balancing Accounts; closing off of ledgers; preparation of Trading and Profit and Loss Statements and Balance Sheets.

Books specially required:

Cash-Book suitable for an office where all cash and cheques received are banked daily, all payments above a certain amount are made by cheque, and all lesser payments through petty cash. Cashier to be able to show the balance in the bank at any time at very short notice.

Cash-Book suitable for an office where sums of cash are kept in the office, in addition to petty cash, and deposits in bank do not include whole of receipts. Cashier to be able to show balances of cash, etc., in office and in bank at any time, and at very short notice.

Departmental Sales and Purchases Journals for recording transactions in different classes of goods.

General Journal ruled so as to segregate items according to ledgers into which they are to be posted, in order that totals may be posted to control accounts.

Other matters specially required:

Bills and Notes Payable Registers.
Imprest System of Petty Cash.
Reserve for Bad Debts, Discounts, and Depreciation.
Inward and Outward Consignments.
Inward and Outward Freight on Merchandise purchased and sold.
Accrued Expenses and Deferred Charges.
Single Entry Book-keeping.
Use of Working Sheets.

Candidates may be required to define and explain such terms as the following:

Invoices; I.O.U.'s; promissory notes; bills of exchange and parties thereto; acceptances, endorsements, etc.; cheques; bills drawn in a set, bills of lading; capital and revenue receipts and expenditure; current and fixed assets; capitalization.

Marking is arranged so as to prevent any candidate obtaining a pass unless he has shown that he has a sound knowledge of what is outlined in the first paragraph. No candidate is passed who does not show that he understands Control Accounts and their uses. For this purpose subsidiary ledgers and their control accounts in the General Ledger must be shown in full; in addition, the books of original entry must be so ruled and organized that they will produce the required figures no matter how large may be the quantity of items dealt with.

ART—*See Drawing.*

BIOLOGY

One examination paper.

The botanical part of this syllabus is the same as for Junior School Certificate Botany (p. 516) with the following modifications:—

(a) further knowledge of the ecological interrelation of plants and animals is required.

(b) knowledge of the characteristics of particular families of flowering plants is *not* required.

In order to fulfil the requirements of the syllabus satisfactorily, pupils must undertake individually the dissection of animals, section-cutting of plant tissues, microscopic examination of small organisms and tissues, and simple physiological experiments.

A more intensive study of the Junior School Certificate syllabus is expected, with extension along the following lines:

I. The structure, life-history, principles of classification, and evolutionary relationships of the following, based on practical study:

Plants:

Thallophyta:	Algæ—Oscillatoria, Protococcus, Spirogyra, Oedogonium, Fucus or Laminaria,
	Fungi—Bacteria, Yeast, Mould, Mushroom, other Fungi including at least one parasitic form.
	Lichens—general.
Bryophyta:	A Liverwort, a Moss.
Pteridophyta:	A Fern, Equisetum, Selaginella.

Spermatophyta: Gymnosperms—one Conifer type and general characters of other local species.

Angiosperms —a Monocotyledon; Dicotyledons— herbaceous and tree types. General structure of flower, fruit, and seed. Comparison with homologous structures of preceding types.

Leading characters of the groups listed above. Trends in the evolution of a many celled body and of sexual reproduction as illustrated by the algal types, and of alternation of generations and adaptation to land life as displayed by the higher forms.

Animals:

Protozoa—Amœba, Euglena, Paramœcium, Plasmodium.

Cœlenterata—Hydra, Obelia.

Platyhelminthes—Fasciola, Tænia.

Annelida—Lumbricus, external characters of a Polychæte.

Arthropoda—Crayfish, Grasshopper.

Mollusca—Clam or Snail.

Cephalochorda—Amphioxus.

Pisces—Dogfish.

Amphibia—Frog.

Mammalia—Rabbit or Rat, skull of Dog or Cat.

Comparison of the various organ-systems in the animals listed.

Asexual and sexual reproduction. Alternation of Generations.

Elements of vertebrate embryology as found in the developing Frog and in the Chick (up to end of third day of incubation), to be studied practically.

II. Physiology: structure in relation to function.

Plants—Microscopic structure of a typical leaf, root, herbaceous stem, and woody stem studied in relation to the functions of the organ and its parts.

A fuller knowledge of the principal physiological processes as outlined in the Junior Syllabus. This should be based on simple experiments carried out by the student, which he may be asked to describe.

Animals—The chief physiological processes, as outlined in the Junior Syllabus, should be studied more fully and comparatively in all the types listed in Section 1.

Tissues and organs and their functions as observed in Vertebrates.

Respiratory pigments. Vitamines, Hormones. Commensalism. Parasitism.

III. Field Natural History and Ecology.

This should be extended beyond the Junior Syllabus to include study of several biotic communities of the neighbourhood, with some knowledge of the dominant plants and animals in each and their relation to one another and to the physical environment.

Life zones and living natural resources of Canada.

IV. Heredity and Evolution.

The main principles of heredity and variation among plants and animals.

Cytological basis of heredity.

Evidences of organic evolution.

CHEMISTRY

One examination paper.

A general survey of Inorganic Chemistry including the Kinetic and Atomic theories, molecular, atomic and equivalent weights, the theory of ionization with elementary examples of ionic equilibrium, rates of chemical reaction and the law of mass action, oxidation and reduction, the electromotive series of the metals, the periodic law, the electronic theory of valence, and the preparation and properties of the more important elements and their compounds.

This is to be accompanied by descriptive and quantitative experiments including volumetric analyses, illustrative of the important principles and theories.

The student's notebook, setting forth his own laboratory work (together with any problems or exercises carried out in connection with the laboratory work), certified by the Instructor and the Principal of the School, must be forwarded to the Registrar for the examiner's evaluation *before the date of the written examination.*

DRAWING

No examination paper.

Students applying for Senior School Certificate standing in Drawing must present a portfolio of original work. The portfolio must be accompanied by a statement signed by the student and another signed by the art teacher, or the school principal, certifying that the work contained in the portfolio is original work of the student not corrected by any other hand.

The portfolio should contain:

A. Ten studies from life, of which at least five must be of the nude human figure. The remainder may be of the nude model, of the draped human model, or of animals. At least five of the above studies must be in charcoal, the remainder in any graphic or painting medium.

Candidates should bear in mind that what is required is not so much proficiency of performance as evidence of understanding of form and structure.

B. Five sketches for compositions, either in black and white or in colour. They may be with or without a representational subject; in either case they should stress the elements of design.

C. Five other examples of their work: these may include drawings, paintings (of any subject in any medium); applied designs (posters, textile designs, etc.).

The dimensions of the work listed above must be not less than 16 x 20 inches. Candidates would do well to add to their portfolios a sketch book or a group of quick sketches.

ENGLISH

Two examination papers: one on English Literature and one on English Composition.

COMPOSITION

The examination will be designed mainly to test the candidate's ability to write English. He will be expected to have acquired a fairly clear and accurate style, to be able to arrange material in an effective fashion, and to show discrimination in the choice of words. In preparation for the examination it is suggested that students be required to write mainly on simple, expository subjects that are within the range of their actual experience.

LITERATURE

Candidates are required to make an historical and critical survey of English Literature from Chaucer to the present day. The works which should be studied in the course of this survey are listed below. It is recommended that all the works in the list be studied; but a specially careful study should be made of those marked with an asterisk.

*1. Shakespeare—1952 Either *King Lear* or *Cymbeline.*
1953 Either *Coriolanus* or *The Tempest.*
1954 Either *Antony and Cleopatra* or *The Winter's Tale.*
No particular edition of the above is prescribed.

*2. Milton— 1952 *On the Morning of Christ's Nativity, L'Allegro, Il Penseroso, Arcades, Comus, Lycidas.*
1953 *Samson Agonistes.*
1954 *Paradise Lost, Books I and II,* and *Book III lines 1-55.*
No particular edition of the above is prescribed.

*3. One Poet of the Nineteenth Century—
1952 Wordsworth.
1953 Byron.
1954 Keats.
No particular edition is prescribed.

Candidates are not required to study the complete works of these authors. Teachers are recommended to make their own selection so as to give their students an understanding of the relevant poet's best and most characteristic work.

4. The following texts from *Century Readings in English Literature,* edited by Cunliffe, Pyre, and Young:

(a) Poetry:

Chaucer, *Prologue to the Canterbury Tales.*
All the Ballads included in the volume.
Spenser, *The Faerie Queene, Book I, Canto 1.*
All the lyrics by Campion, Herrick, Herbert, and Vaughan, included in the volume.
Dryden, *Alexander's Feast.*
*Pope, *The Rape of the Lock.*
All the poems by Gray and Cowper included in the volume.
Wordsworth (1953 and 1954; not 1952). *The Solitary Reaper, Ode to Duty,* and *Character of the Happy Warrior.*

Coleridge, *Frost at Midnight.*
Shelley, *Ode to the West Wind*, and *Final Chorus from Hellas.*
Byron (1952 and 1954; not 1953). *Don Juan, Canto iii.*
Keats (1952 and 1953; not 1954). *Eve of St. Agnes.*
Tennyson, *Milton*, and *To Virgil.*
Browning, *Abt Vogler.*
Arnold, *Rugby Chapel.*
Rossetti, *My Sister's Sleep.*
Swinburne, *The Garden of Proserpine.*

(b) Prose:

Malory, *Morte D'Arthur: Preface by Caxton, and first five chapters of Book 21.*
Bacon, *Of Truth*, and *Of Studies.*
Walton, *Compleat Angler, Chapter IV.*
Bunyan, *Pilgrim's Progress*, the extract included in the volume.
Defoe, *The Education of Women.*
*Swift, *A Modest Proposal.*
Steele, *Sir Roger in Love.*
Addison, *Sir Roger at the Assizes, Party Patches*, and *Westminster Abbey.*
*Johnson, *Letter to the Earl of Chesterfield.*
*Newman, *The Idea of a University, Discourse VI.*

5. Poems by any or all of the following, selected at the discretion of the candidate from any available editions:
Housman, Davies, Hardy, Yeats, Auden, Spender, Eliot.

6. Any five items selected from the *Pocket Book of Short Stories.*

*7. E. M. Forster, *A Passage to India.*

*8. J. M. Synge, *Riders to the Sea.*

FRENCH

Two examination papers: one on Texts and Grammar and one on Composition and Sight Translation.

1952—Lavisse: *Histoire de France, Cours Moyen;* Beaumarchais, *Le Barbier de Seville* (Petits Classiques Larousse); Daudet, *Neuf Contes Choisis* (Holt); St. Exupéry, *Le Petit Prince* (Houghton Mifflin); Romains, *Knock* (The Century Co.).

Texts: 1953—Lavisse, *Histoire de France, Cours Moyen;* A. Daudet, *Neuf Contes Choisis* (Holt); Dumas, *Les Trois Mousquetaires* (Heath); *Knock* (The Century Co.); Voltaire, *Zadig and Other Stories* (Heath)

Translation at Sight from English into French and from French into English.

**Oral Examination:* An oral examination is held in centres where this is possible, and students intending to study French at the University are strongly advised to take this examination. The oral examination is given in *addition* to the two papers. Success in the oral examination is recorded on the candidate's certificate. A candidate who fails in the oral examination does not thereby prejudice his chances of obtaining a certificate, but is treated exactly as though he had not attempted the oral test.

GEOGRAPHY

It is presumed that candidates taking this examination will have mastered the elements of geography as outlined in the syllabus for the Junior Examination.

A. Local Geography (one quarter of the course)

An intensive study of the candidate's home locality, especially of the distribution of population and economic activities in relation to the main physical features and climate of the region. This study should be based on actual excursions and a detailed examination of the appropriate large scale maps (published by the Hydrographic and Map Service Branch of the Department of Mines and Resources).

B. Regional Geography (three quarters of the course)

A detailed study of the Americas (North, Central, and South) and Europe, including the U.S.S.R. The general lines of the course should follow the directive laid down in the Junior Examination syllabus, but greater attention should be given to the following matters:

(i) The geological structure of the countries concerned, and the effect of this structure on the scenery and natural resources.

(ii) The part played by the countries of Europe in the history of exploration and the development of maritime trade.

(iii) The characteristic settlement types and distribution of population in the various countries, and the ways in which these are changing.

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*Candidates who wish to take the examination in Oral French at a centre outside Montreal must send in the special early notification mentioned in the footnote on page 506.

GERMAN

(*See footnote on page 538 concerning the Senior B.Sc. or B.Eng. German requirements in special cases.*)

Two examination papers: one on prescribed texts and one on translation of unseen passages from German into English and from English into German.

Texts: Th. Storm, Immensee (Morgan-Wooley-Heath); G. Keller, Kleider Machen Leute (Heath); F. Bauer, Das tickende Teufelsherz (Crofts).

Translation at Sight from German into English and from English into German.

GREEK

Two examination papers: The examination will include a paper on grammar, composition, and sight translation.

Homer, Iliad XXII (Pitt Press Series, Camb. Univ. Press); Lysias, pp. 30-92, in Shuckburgh's Lysias, Orationes (Macmillan).

N.B.—Although the above editions are suggested, others may be used.

HISTORY

One examination paper.

General History of Europe from the break-up of the Roman Empire to 1914.

In point of extent the examination will include the history of Europe from the break-up of the Roman Empire to 1914. An advanced outline knowledge of the fifteen centuries involved is assumed, following the general consideration laid down for the study of the briefer period, 1618-1914 in the Junior Certificate requirements. (See page 524.) Candidates are expected to have read extensively from selected documentary sources; to this end constant reference to some collection of documentary sources is essential. Regular use of an historical atlas of high standard is likewise essential. Stress should be laid, as far as possible, upon the institutional side of historical change, and upon the importance of institutions, political and otherwise, in the social structure. Candidates should have acquired proficiency in describing and explaining, with the correct use of elementary technical terms, the organization of European society at any given period, and the changes in organization from one period to another.

An elementary institutional knowledge should be shown in the discussion of such topics as: the civilizing mission of the Church in the

Dark Ages; feudal and manorial society and medieval town life; the City-States of Renaissance Italy with their cultural and economic interests; the emerging of the monarchical-national State; the era of overseas discovery, exploration, and settlement; the Protestant revolt and Catholic reaction with their ensuing wars; the regime of unlimited monarchy; the rise of democracy, the Napoleonic period; the influence of 19th century nationalism; and the adjustment of the Balance of Power leading to the outbreak of the First World War.

Candidates should read at least one of the works in each of the following groups:

(1) Einhard's Life of Charles the Great (tr. S. E. Turner, American Book Co., or W. Glaister, Bell & Son); Memoirs of the Crusades (Everyman's Series); Froissart's Chronicles (Everyman's Series).

(2) Machiavelli's Prince (Everyman's Series); Macaulay's Essays on Machiavelli and on Ranke's History of the Popes; Motley's Rise of the Dutch Republic. Part III (Everyman's edition, vol. II).

(3) Macaulay's Essays on the War of the Succession in Spain and Frederick the Great; Carlyle's French Revolution.

(4) A. W. Kinglake's Eothen; G. M. Trevelyan's Garibaldi and the Thousand.

LATIN

Two examination papers.

The examination will include a paper on grammar, composition and sight translation.

Text: A. Petrie, *A Latin Reader* (Oxford University Press)

Caesar VIII, IX.

Cicero XIII, XV, XXXIV, XXXVI, XL, XLIII.

Sallust XLV.

Livy LI, LII.

Pliny LXVI, LXIX.

Catullus LXXIII-LXXVI.

Virgil LXXXVII, XCIII, CI.

Horace CIV, CV, CVI, CIX.

Ovid CXXIV, CXXXIII, CXXXVII.

MATHEMATICS

Four figure mathematical tables will be provided

ALGEBRA

One examination paper.

Arithmetic, geometric, and harmonic progressions, variation, permutations and combinations, binomial theorem, logarithms, number system, theory of quadratic equations, functional notation, graphical representation, miscellaneous series such as the sum of the squares and of the cubes of the natural numbers with easy deductions therefrom, as in Intermediate Algebra by H. Tate, published by Sir Isaac Pitman and Sons, Toronto, or as in similar textbooks.

CO-ORDINATE GEOMETRY

One examination paper.

The elements of the coordinate geometry of the straight line and circle as in A New Analytic Geometry by J. E. Durrant and H. R. Kingston, published by the Macmillan Co. of Canada, pp. 1-153 inclusive, and pp. 292-296, or as in similar textbooks.

TRIGONOMETRY

One examination paper.

Measurement of angles, radian measure, trigonometrical ratios or functions of one angle, of two angles, and of a multiple angle, relations between the sides and angles of a triangle, solution of triangles using logarithms, easy problems on heights and distances, general values and inverse functions, limits and approximations, as in Elementary Trigonometry by H. S. Hall and S. R. Knight, adapted for use in Canadian Schools, 1940 edition, published by the Macmillan Co. of Canada, Chapters I-XIII, XVII, XVIII and pp. 204-205, or as in similar textbooks.

MUSIC

Two written examination papers: one on Advanced Rudiments and Harmony and one on Form and Analysis and History. In addition there will be a short practical examination on Aural Training.

(a) HARMONY

Scales; intervals; transposition of melodies; use of C clefs; barring of certain passages and determining their keys; analysis of chords; chords up to the Dominant 7th and Augmented 6th. This course leads gradually

to the writing of simple harmony in 3 or 4 parts. The work covered is that required for the Intermediate Grade Theoretical Examination of the Local Centre Examinations. (See the Announcement of the Faculty of Music.)

Textbooks: MacPherson, Rudiments of Music; Kitson, Elementary Harmony—Part I.

(b) FORM AND ANALYSIS

Phrase. Sentence. Sequence. Cadence. Accent. Rhythm. Time. Melody. Modulation. Early Dance Forms. Suites—with special consideration of the Minuet and Trio.

Textbooks: MacPherson, Form in Music; MacPherson, Studies in Phrasing and Form; R. O. Morris, Structure of Music

(c) HISTORY

Musical origins, Hebrew and Greek influence on early Christian Music. The rise of Music in two or more parts. Secular Music. English, Flemish and Italian composers. The Renaissance, Instrumental Music (lute, virginal, viol, etc.), Opera. Beginnings of the Orchestra. Bach and Handel. C. P. E. Bach and sonata form. Haydn. Mozart. The Romantic Movement. Nationalism in Music. Modern Music.

Textbook: Stanford & Forsyth, A History of Music; Hadow, Music.

(d) AURAL TRAINING

Development of a mental appreciation of scale degrees. Recognition of intervals and simple rhythms. Easy dictation. Sight Reading. Listening—to develop quickness of ear, memory, and natural accuracy. Quality of tone.

PHYSICS

One examination paper will be set upon a general knowledge of the more important principles of elementary physics, the scope being that of Mendenhall, Eve, Keys, and Sutton, *College Physics* (Heath) or of any equivalent text books.

Laboratory Work: Experiments should be performed equivalent to those outlined in *An Elementary College Course in Experimental Physics* (Renouf Publishing Co.) The student's notebook setting forth his own laboratory work, certified by the instructor and by the principal of the school, must be forwarded *before the examination* to the Registrar for inspection.

SPANISH

Two examination papers will be set as in the Junior School Certificate, but the examination will be of a more advanced character, and will include a short free composition.

Prescribed texts: — Baroja, Zalacain el aventurero (Heath & Co); A. Palacio Valdés, A cara o cruz (Macmillan).

CERTIFICATES RECOGNIZED

The following certificates will be considered on their merits towards meeting the University requirements for the equivalent of Senior Matriculation.

PROVINCE OF QUEBEC
Senior High School Leaving Certificate
Senior Catholic High School Leaving Certificate

PROVINCE OF ONTARIO
Upper School Certificate

PROVINCE OF NOVA SCOTIA
Grade XII Certificate

PROVINCE OF PRINCE EDWARD ISLAND
Third Year Certificate of the Prince of Wales College

PROVINCE OF MANITOBA
Grade XII Certificate

PROVINCES OF ALBERTA AND SASKATCHEWAN
Grade XII Certificate

PROVINCE OF BRITISH COLUMBIA
Senior Matriculation Certificate

GREAT BRITAIN
In the new General Certificate, passes in six subjects, including three appropriate subjects at Advanced level.

In addition, pupils of recognized British Public and Secondary Schools who have obtained the General Certificate of Education with the requisite standing may be admitted to the Second Year without further examination, if they have satisfactorily completed at school a year's work beyond this Certificate in the subjects of the McGill Senior School Certificate, and if they are specially recommended by their headmasters or headmistresses.

McGill University

Montreal

Scholarships, Bursaries, Prizes, and Medals

1951-1952

ARCHIVES LIBRARY

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

TABLE OF CONTENTS

		PAGE
	University Scholars	605
	Holders of J. W. McConnell Memorial Scholarships	606
	Holders of Morris W. Wilson Memorial Scholarships	606
I.	General Statement	607
II.	Entrance Scholarships and Bursaries	609
	A. University Entrance Scholarships and Bursaries	609
	B. Other Entrance Scholarships and Bursaries	610
III.	Scholarships, Bursaries, Loan Funds, Medals and Prizes in the various Faculties of the University	617
	A. Open to students in all Faculties	617
	B. Open to students in the Faculty of Arts and Science (including Commerce)	624
	C. Open to students in the Royal Victoria College	631
	D. Open to students in the School of Commerce	634
	E. Open to students in the Faculty of Engineering (including Architecture)	636
	F. Open to students in the Faculty of Medicine	644
	G. Open to students in the Faculty of Dentistry	647
	H. Open to students in the Faculty of Law	648
	I. Open to students in the Faculty of Music	649
	J. Open to students in the Faculty of Divinity	650
	K. Open to students in Macdonald College	651
IV.	Graduate Fellowships and Scholarships	653
	A. Fellowships and Scholarships tenable at McGill University only	654
	Open to graduates in several Faculties	654
	Open to graduates in Agriculture	658
	Open to graduates in Arts and Science	658
	Open to graduates in Engineering	659
	Open to graduates in Medicine	660
	B. Fellowships and Scholarships tenable at McGill University or elsewhere	661
	Open to graduates in several Faculties	661
	Open to graduates in Agriculture	662
	Open to graduates in Arts and Science	662
	Open to graduates in Law	663
	Open to graduates in Medicine	663

PAGE

C. Fellowships and Scholarships tenable at other Universities only 664
Open to graduates in several Faculties 664
Open to graduates in Arts and Science 668
Open to graduates in Architecture 668
Open to graduates in Law 668
Fellowships offered by other Universities 669

D. Fellowships and Scholarships open to Graduates of other institutions for study at McGill University 669

V. Scholarships, Prizes, and Medals in the various Schools of the University 671
Open to students in the Library School 671
Open to students in the School of Physical Education 672
Open to students in the French Summer School 672
Open to students in the School for Graduate Nurses 673
Open to students in the School of Physiotherapy 674
Open to Students in the School of Social Work 675

VI. Medals and Prizes in the Department of Athletics, Physical Education, and Recreation 675

VII. Index of Awards 677

UNIVERSITY SCHOLARS 1950-51

With dates of first award

ARTS AND SCIENCE

Henry Abramovitch 1949
Tom Asimakopulos 1949
Bernice Bloom 1948
Peter C. Briant 1948
Salomon J. Buchsbaum 1950
Gerald Burke 1950
Keith N. Drummond 1948
Adrienne Duranceau 1950
Andrew C. Engel 1949
Brian C. Goodwin 1948
Carl A. Goresky 1949
Wilbur H. Huels 1950
Kenneth H. Kapphahn 1949
Marie T. Langlois 1950
William J. Lawand 1949
Arthur Leznoff 1947
Gerald M. Litzky 1949
Earle L. Lomon 1950
Russell G. McGillivray 1949
Leslie Mezei 1950
John W. O'Brien 1949
Evelyn Petrushka 1950
Martin C. Robinson 1950
Hyman Rodman 1948
Neysa Rosen 1947
Jacob Rosensweig 1950
John D. Stubbs 1950
David Sussman 1949
Bernard Trossman 1949
Patricia Wainwright 1950
George Zyskind 1949

LAW

Raymond LaChapelle 1949
Perry Meyer 1945

MACDONALD COLLEGE

Edward J. Booth 1950
Harry A. L. McLaughlin . . . 1950
Kenneth A. Walsh 1949

ENGINEERING

John Adjeleian 1949
George E. S. Ayer 1950
Theodosios Bay 1948
Rubin Bonney 1950
Immanuel Braverman 1948
Ross E. Chamberlain 1948
John H. Dinsmore 1950
Irving G. Fraser 1949
Renato Girolami 1949
Michael B. Harding 1950
Richard C. Johnston 1948
John J. Jonas 1949
David H. Kennedy 1947
Zen Kolisnyk 1950
Branislaw G. Kowalski 1948
Richard Lacey 1950
Stephen Nettel 1950
John C. Osler 1947
Theodore Roumbanis 1950
Nicol A. Sasso 1950
Joe Schneider 1950
Louis Segal 1948
Russell I. Sharratt 1950
Aris Stamatopoulos 1949
Thomas G. Troy 1950
Cyril J. Tunis 1950
Dirk Van Eyken 1950
George Zames 1950

MEDICINE

Vivian E. H. Brooks 1948
Paul A. Christie 1949
Bernard A. Davis 1950
Ainsley U. Dujon 1949
John M. Elder 1950
Mark C. Levine 1946
John H. Summerby 1950
Douglas L. Thomson 1948
Maurice A. Vernon 1949

HOLDERS OF J. W McCONNELL MEMORIAL SCHOLARSHIPS 1950-51

With dates of first award

PEARL R. ARSHAWSKY.....1947
S. ELAINE BROOKS.....1950
DAVID G. BULLOCK.....1949
T. BRIAN CATTERILL.....1948
SHIRLEY FREW.....1950
ANNE E. IRWIN.....1950
VINCENT M. JOLIVET.....1947
CYRIL M. KAY.....1949
H. LOIS MACKENZIE.....1948
ROBERT E. PAULETTE.....1947
GORDON McK. ROSS.....1949
S. G. DENIS SMITH.....1950
FRANCIS G. STEWART.....1946

HOLDERS OF MORRIS W. WILSON MEMORIAL SCHOLARSHIPS 1950-51

With dates of first award

RUTH L. BJORDAMMEN.....1949
EVERETT C. BRIARD.....1947
PETER C. MACINTOSH.....1950
ROBERT N. MORRISON.....1948
ORVAL OLSON.....1950
RODERICK C. RIORDAN.....1950
JOAN E. SHEPHERD.....1947
ROBERT C. THOM.....1950
G. TRAER VAN ALLEN.....1949

Scholarships, Bursaries, Prizes, Medals, and Loan Funds

I. GENERAL STATEMENT

1. DEFINITION OF TERMS

At McGill University the terms *Fellowship*, *Scholarship*, and *Bursary* have, in general, the following meanings. Exceptions are noted in the paragraphs describing individual awards.

Fellowship.—A grant made for postgraduate study or research, and based only on ability. The holder of a fellowship at McGill does not bear the title "Fellow" except in certain special cases.

Scholarship.—An award made to undergraduates or graduates based on academic standing alone. Financial need usually has no bearing on the awarding of a scholarship, but it may influence the amount of money subsequently awarded. Holders of University Scholarships (see below) are given the title "University Scholar". Holders of other scholarships do not receive any special title.

Bursary.—A grant made to a needy student who has reasonably good academic standing. Bursaries are not given to students with financial resources adequate to maintain them at the University. Normally, a bursary entails duties to be performed for the University. The size of a bursary usually varies with the need of the student. The holder of a bursary has no special title.

2. GENERAL REGULATIONS

(1) Scholarships are awarded and bursaries and loans granted only to students taking a regular course leading to a degree or diploma.

(2) Scholarships are awarded only if an adequate academic standard is attained.

(3) The annual income of scholarships and bursaries is usually paid in two instalments, one in October and one in February.

3. UNIVERSITY SCHOLARSHIPS

(1) Certain scholarships implying exceptionally high achievement have been designated "University Scholarships" by Senate.

(2) The winner of a University Scholarship receives the title and status of a "University Scholar". Winners of other scholarships do not receive this title or this status.

(3) Each University Scholarship is of a certain maximum amount, but the amount actually awarded depends upon the financial needs of the winner. At present the minimum total value of a University Scholarship is $100.

4. BURSARIES

(1) Bursaries are grants in aid of students of good scholarship who need such assistance to enter the University or to complete their course.

(2) The amount of a bursary varies with the need established.

(3) A bursary is renewable upon application and is tenable normally until the student has qualified for his degree or diploma, subject always to the dual condition that the need for it continues and that the standing of the student satisfies the University.

(4) The holder of a scholarship may apply for an additional bursary.

(5) Bursaries are normally paid in two instalments: viz.: one in October and one in February.

(6) Holders of bursaries may be required to undertake a certain amount of work for the University in return for their bursaries. The maximum number of hours any bursary holder may be asked to give is three hours a week throughout the session, or one hour for each dollar of his bursary,—whichever may be smaller.

If a student is able to study while carrying out this bursary obligation as, for example, some library assistants can, the number of hours required may be doubled.

5. LOANS

The University has a loan fund of strictly limited amount from which some assistance may be given to particularly deserving students under the following conditions:

(1) Loans are normally made only to students in upper years.

(2) Loans are made only to students of good academic standing who are specially recommended on personal grounds by the Deans of their Faculties.

(3) The loan, if granted, is made on the basis of an agreement between the applicant, or a sponsor of the applicant, and the University. The amount of the loan, the date, and the manner of its repayment, are made part of the agreement so that the debt may be fully discharged at the earliest possible date.

(4) An applicant for a loan should obtain an application form at the Office of his Dean and submit this, when completed, to his Dean for transmission to the Bursar.

6. INTERVIEWS

Awards and grants of money are made only after a personal interview unless this requirement is explicitly waived.

7. APPLICATIONS AND INQUIRIES

Unless otherwise stated below, applications and inquiries should in the first instance be made to the Registrar.

Applications for all entrance scholarships (see below), for University bursaries, and for the renewal of bursaries, should be made on forms which may be obtained from the Registrar's Office.

II. ENTRANCE SCHOLARSHIPS AND BURSARIES

A. UNIVERSITY ENTRANCE SCHOLARSHIPS AND BURSARIES

1. UNIVERSITY ENTRANCE SCHOLARSHIPS AND BURSARIES

The University offers not less than eight University Entrance Scholarships, each with a maximum value of $300 a year and a minimum total value of $100 a year (see page 607), together with a limited number of bursaries of smaller value*, tenable either in the Faculty of Arts and Science (including Commerce), or in the Faculty of Engineering, and renewable annually provided that the holders continue to merit the award.

Candidates for these awards are required to submit:

(*a*) their complete High School record.

(*b*) their marks or grades in any recognized matriculation or school-leaving examination.

(*c*) confidential letters from their school principals.

**See also the J. W. McConnell Memorial Scholarships, the Morris W. Wilson Memorial Scholarships,on page 611, and the George Herrick Duggan Memorial Scholarships on page 614, Sir William Macdonald Entrance Scholarships and the Sir Edward Beatty Memorial Scholarships on page 612 and the Canadian Pacific Railway Scholarships on page 613.*

Applications must be made on forms which may be obtained from the Registrar's Office. These must be returned not later than 1st July. The school record and other supporting documents should be sent as soon as they are available. Applications for admission to McGill University should be sent in with the Scholarship Application Forms.

2. ELIGIBILITY

These scholarships and bursaries are intended for pupils of Public and Private Schools in Canada or elsewhere, but the University may, in exceptional cases, accept applications from other candidates.

Men and women are eligible on equal terms.

Applications will normally be accepted only from students who will be under the age of 20 on 1st October, 1952. In exceptional circumstances the University may waive this rule.

3. THE TITLE OF "SCHOLAR"

The winner of a University Scholarship is given the title of "Scholar." His name is printed as such in the Calendar and he has the status of a Scholar within the University.

After entering the University the winner of a University Scholarship is not required to study for honours, and may take the general course.

4. FINANCIAL NEED

The University may require the submission of evidence that the candidate needs the money award to further his educational interests. This evidence will normally include a statement from a parent or guardian. Whenever possible, moreover, the candidate will be interviewed. *Financial need will in no case affect the University's decision as to the winner of a scholarship, but may influence the amount of the award.*

The amount of the award made to any Scholar will not be published.

In special cases the University may consider an application from the winner of a scholarship for additional assistance.

B. OTHER ENTRANCE SCHOLARSHIPS AND BURSARIES

Unless otherwise stated, applications for these scholarships must be made to the Registrar before 1st July.

Unless otherwise indicated, the word "Examination" is used below to denote the University School Certificate Examination, the Provincial High School Leaving Examination, the Catholic High School Leaving Examination, or any other standard examination recognized for entrance scholarships.

Applicants who have written examinations other than the McGill School Certificate Examination should send a certified copy of their examination marks to the Registrar's Office as soon as they are published.

J. W. McCONNELL MEMORIAL SCHOLARSHIPS.—Created and endowed by Mr. J. W. McConnell of the Board of Governors as a memorial to the men and women of the University who gave their lives in the war of 1939-45. The Scholarships are open on equal terms to men and women from any part of Canada and are tenable in the Faculty of Arts and Science (including Commerce), or the Faculty of Engineering. Each scholarship covers the full tuition fee as well as the cost of board and residence in Douglas Hall or the Royal Victoria College for the full period necessary to enable the winner to obtain a Bachelor's degree. The award is made by a Special Committee which takes into consideration the character and the financial circumstances of the applicant as well as the academic record. The holder will normally forfeit the scholarship if he fails to maintain first class standing at the university. Where the student's home is at a considerable distance from Montreal the Board of Governors may, at its discretion, make a contribution towards the cost of travelling. Application forms may be obtained from the Registrar's Office.

MORRIS W. WILSON MEMORIAL SCHOLARSHIPS.—Established by contributions from a large number of intimate friends and business associates of the late Morris W. Wilson as a memorial to a distinguished citizen who, among his many public activities, rendered distinguished service to the cause of education, and who, at the time of his death, occupied the office of Chancellor of McGill University. The creation of the fund marks the culmination of a hope long cherished by Mr. Wilson, that of supplying the means whereby young Canadian boys and girls of outstanding ability and promise, but in poor financial circumstances, might obtain the benefits of a university education. It is hoped that this fund may be the means of assisting many deserving young Canadians, particularly those from rural areas, to become better equipped to perform the duties of citizenship and so more effectively to apply their abilities to the general development and welfare of their country.

These Scholarships are open on equal terms to men and women of Canadian parentage, now resident in Canada, and are open only to students who wish to enter the Faculty of Arts and Science (including Commerce), the Faculty of Engineering, or the degree course in Agriculture at Macdonald College. Each Scholarship covers the full tuition fee of the student, as well as the cost of board and residence at Douglas Hall, the Royal Victoria College, or Macdonald College, for the full period necessary to enable the student to obtain his degree. The holder will normally forfeit the Scholarship if, during his course, he fails to maintain first class academic standing. In individual cases, where the student's

home is at a considerable distance from Montreal, the Board of Governors may, at its discretion, make a contribution towards the cost of railroad fares. Application forms may be obtained from the Registrar's Office.

THE SIR WILLIAM MACDONALD ENTRANCE SCHOLARSHIPS IN ARTS AND SCIENCE (INCLUDING COMMERCE).—Four scholarships of $125 each endowed by Sir William Macdonald and open only to men are awarded under the conditions governing University Entrance Scholarships. (See page 609 for particulars.)

THE SIR EDWARD BEATTY MEMORIAL SCHOLARSHIPS.—Two scholarships, one in Classics (Greek and Latin) and one in Mathematics, of the value of $600 each, were founded by the late Sir Edward Beatty, former Chancellor of the University. The scholarships are payable at the rate of $150 per annum for four years, and are tenable only in the Faculty of Arts and Science. The Scholarships are awarded primarily for ability in either Classics or Mathematics, but school and examination records in other subjects may be taken into account. These awards are made under the conditions governing University Entrance Scholarships (see page 609) and candidates will be required to submit:

(*a*) their complete High School record.

(*b*) their marks or grades in any recognized examination.

(*c*) confidential letters from their school principals.

The winner of a Sir Edward Beatty Memorial Scholarship on entering the University need not necessarily take courses leading to honours in Classics or in Mathematics, but may enter any course in the Faculty for which he is qualified.

Applications must be made on forms which may be obtained from the Registrar's Office. These must be returned not later than 1st July.

These scholarships are open only to male students, educated in Canadian Schools, whose parents are British or Canadian born.

THE HON. ROBERT JONES BURSARY.—Valued at $120 per annum, "is granted from time to time to some poor student for the full term of study in the Faculty of Arts and Science or Engineering." The bursary is not continued if the standing of the holder proves to be unsatisfactory.

ROBERT BRUCE SCHOLARSHIP AND BURSARY.—One entrance scholarship of $100 for one year is available in the Faculty of Arts and Science (including Commerce).

One bursary of $100 is open each year to "young men and women of promising abilities but of straitened circumstances in Arts and Science or Engineering."

*THE OTTAWA VALLEY GRADUATES' SOCIETY BURSARY.—This bursary of $75 is given through the Ottawa Valley Branch of the Graduates' Society and is open only to bona fide residents of the territory of the Ottawa Valley Graduates' Society. The winner is selected by the University from candidates who have written (1) The McGill School Certificate Examination or (2) The Quebec Catholic or Protestant High School Leaving Examination or (3) The Ontario Middle School Examination or (4) The McGill Senior School Certificate or (5) The Ontario Upper School Examination or (6) The Quebec Catholic or Protestant Senior High School Leaving Examination.

ROYAL VICTORIA COLLEGE ENTRANCE SCHOLARSHIPS.—Two scholarships, of $635 each, open to women only, and conditional on residence in the Royal Victoria College, are offered annually. These are awarded on the result of the McGill School Certificate or Senior School Certificate or other approved examinations and are tenable for one year only.

THE SEBA ABBOTT SMITH MEMORIAL SCHOLARSHIP.—This scholarship which is restricted to women students has a minimum annual value of $50 and a maximum annual value of $175. It will be renewable annually until the holder obtains her first degree provided the holder maintains an academic average satisfactory to the University Scholarships Committee. The actual value of the award will be determined each year by the University Scholarships Committee according to the need of the holder. Applications should be made on the regular University Entrance Scholarship application forms.

CANADIAN PACIFIC RAILWAY SCHOLARSHIPS.—Scholarships covering five years' tuition in Chemical, Civil, Mechanical, or Electrical Engineering, or six years' tuition in the School of Architecture, or four years' tuition in the Arts courses of the Faculty of Arts and Science, or in the School of Commerce, or four years in the School of Household Science, Macdonald College, are awarded annually by the Canadian Pacific Railway Company. These are open for competition to apprentices and other employees of the Company under twenty-one years of age, as well as to minor sons and daughters of employees. The method of award is that of the University Entrance Scholarships described on page 609, candidates being required to submit:

(*a*) their complete High School record,

(*b*) their marks or grades in any recognized examination,

(*c*) confidential letters from their school principals.

**Tenable also at Macdonald College.*

Forms of eligibility and full particulars as to the number of scholarships available, etc., may be obtained from Mr. G. A. Smyth, Superintendent of Pensions and Staff Registrar, Pension Department, C.P.R. Offices, Montreal. Applications, on forms obtainable from the Registrar's Office, accompanied by statements of eligibility from Mr. Smyth, must reach the Registrar's Office before 1st July.

GEORGE HERRICK DUGGAN MEMORIAL SCHOLARSHIPS.—Two scholarships have been established as a memorial to the late George Herrick Duggan, D.Sc., LL.D. These are:

(*a*) A scholarship offered annually by the Dominion Engineering Works, Limited, open to all employees of the Dominion Engineering Works, Limited, its wholly owned subsidiary companies, and the Dominion Hoist and Shovel Company, Limited, and to their sons and daughters.

(*b*) A scholarship offered annually by the Dominion Bridge Company, Limited, open to all employees of the Dominion Bridge Company, Limited, and its wholly owned subsidiary companies, and to their sons and daughters.

The value of each of these scholarships will be $750 if the winner comes from outside Montreal, or if in the judgment of the Committee it is desirable for the winner to reside away from home in the interests of his academic work. If the winner is able to live at home, however, the value of the scholarship will be equivalent to the full tuition fees payable to the University, and the Awarding Committee may in this case make an additional grant where there is financial need.

The purpose of these scholarships is to provide an incentive to eligible candidates to qualify themselves for a university education in engineering or scientific work or allied subjects, and to afford them financial assistance while pursuing university studies. The scholarships are awarded primarily on the intellectual attainment and academic record of the applicants, although the characters of the candidates and other circumstances are also taken into consideration. They may be granted for any period, from one to five years, inclusive. To qualify, the applicant must attain the entrance requirements from time to time established by the University for the course of study applied for, with an average standing of not less than 75%, and thereafter maintain an academic standing satisfactory to the University Scholarships Committee.

The awards are made by the Board of Governors on the basis of a recommendation from a special committee composed of the Chancellor, the Principal and Vice-Chancellor, and the Warden of the Royal Victoria College. Applications should be submitted in the form prescribed for University Entrance Scholarships (see page 609).

FRANK P. JONES SCHOLARSHIPS.—Under the will of the late Frank P. Jones, in his lifetime President of Consumers Glass Company, Limited, provisions have been made for the establishment of one or more scholarships at McGill University, which are open to junior employees and to sons and daughters of employees of Consumers Glass Company, Limited. Each scholarship has a maximum value of $400 a year and a minimum value of $100 a year, and will be awarded by the University Scholarships Committee to a candidate with qualifications satisfactory to the University. Each candidate must have a good matriculation standing. The scholarships are renewable annually provided the holders obtain satisfactory grades in the examinations at the University until the holders obtain their degrees.

THE SIDNEY J. HODGSON SCHOLARSHIPS.—Two scholarships, of the approximate values of $175 and $150 respectively, were founded by Arthur J. Hodgson, Esq., in memory of his son, Sidney James Hodgson, a student of the First Year in Arts, who was killed in action on September 27th, 1918, while serving in the 66th Battery of the Canadian Field Artillery. They are open to boys and girls of Westmount High School who have been in attendance for at least one year. The $175 scholarship is tenable only in the Faculty of Engineering and the $150 scholarship only in the Faculty of Arts and Science. They are awarded to the pupils with the highest percentages in the Junior High School Leaving subjects required for admission to these faculties.

THE WESTMOUNT WOMEN'S CLUB SCHOLARSHIP—A scholarship to the value of $100 to be awarded annually by the Westmount Women's Club to a girl student matriculating into McGill University from the Westmount High School.

SCHOLARSHIP GRANTED BY THE GRADUATES' SOCIETY OF THE DISTRICT OF BEDFORD.—This scholarship, tenable in the Arts Division of the Faculty of Arts and Science, has an approximate value of $140 and is awarded annually to a "matriculated student in Arts and Science, proceeding to the degree of B.A., whose parents reside in the District of Bedford and whose candidature has been approved by a committee of the Society."

*THE ST. FRANCIS DISTRICT GRADUATES' SOCIETY BURSARY.—This Bursary of $250 is restricted to residents of the area covered by the St. Francis District Branch of the Graduates' Society and is open to pupils of any high school or private school entering any faculty or school of McGill University, including Macdonald College. The Bursary may be renewed for a second year. An amount of $150 of the Bursary is to be repaid by the holder at the rate of a minimum of $50 per year after graduation.

**Tenable also at Macdonald College.*

The award is made by the St. Francis District Branch of the Graduates' Society on the recommendation of the University Scholarships Committee. Application forms may be obtained from the Registrar's Office.

NARCISSA FARRAND (MRS. N. PETTES) SCHOLARSHIP.—This scholarship, of not less than $450 ($150 for three years), founded and endowed by Mr. and Mrs. H. V. Truell, of Sweet Acre, Knowlton, Que., is awarded annually to the candidate from the Eastern Townships who obtains the highest marks in the Arts, Science, or Commerce Entrance Examinations in June, and who has had his domicile in the Eastern Townships for five consecutive years immediately preceding the examination.

THE GRACE FAIRLEY TRAFALGAR SCHOLARSHIP.—Founded in 1913 by certain friends and former pupils of the late Miss Grace Fairley, to signalize her long and faithful service to education as head of the Trafalgar Institute. It is of the value of $80, is tenable for one year only, and is awarded annually to the student of Trafalgar Institute who obtains the highest marks in the June School Certificate Examination and enters the Faculty of Arts and Science.

*THE ISABELLA C. MACRAE SCHOLARSHIP.—This scholarship of $150 is open to residents of Maxville, Ont., who have satisfied the requirements for entrance to McGill University. Should there be no successful applicants from this locality for six years, the scholarship will subsequently be open to any resident in Ontario.

THE DUNCAN MCCASKILL SCHOLARSHIP.—This scholarship which is restricted to students from Nova Scotia has a minimum annual value of $50 and a maximum annual value of $175. It will be renewable annually until the holder obtains his or her first degree provided the holder maintains an academic average satisfactory to the University Scholarships Committee. The actual value of the award will be determined each year by the University Scholarships Committee according to the need of the holder. Applications should be made on the regular University Entrance Scholarship application forms.

*THE CHRISTIE-STORER SCHOLARSHIP.—A scholarship of the value of $110, endowed by the above-named Chapter of the I.O.D.E. in memory of the men of St. Lambert who fell in the Great War, 1914-18, is awarded annually to the pupil residing in St. Lambert who stands highest in the June High School Leaving Examination each year at the Chambly County High School.

THE MONTREAL WOMEN'S CLUB ELIZA REID MEMORIAL SCHOLARSHIP.—Founded by The Montreal Women's Club in memory of the first President of the Club, Mrs. Robert Reid. This scholarship of the value of $150 is tenable

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**Tenable also at Macdonald College.*

for one year, and is awarded each year to a graduate of The Montreal High School for Girls who has completed at least Grades X and XI in this school, and who plans to enter the First Year of McGill University in a degree course.

THE NOTRE DAME DE GRACE WOMEN'S CLUB BURSARY.—This bursary, of $100, is awarded annually to a girl student who has completed Grades X and XI in West Hill High School and is tenable in the First Year of the University.

THE VERDUN WOMEN'S CLUB BURSARY.—This bursary of $100 is tenable for one year and is awarded annually by the Verdun Women's Club to a student who has completed Grade XI in the Verdun High School and who plans to enter the First Year of the University, or to a student who has completed Grade XII in the Verdun High School and who plans to enter the Second Year of the University. The award is based on academic record, character, and financial need. Preference is given to girl students.

PRESBYTERIAN COLLEGE SCHOLARSHIPS.—The Board of Management of the Presbyterian College offers a number of scholarships for the payment of fees of undergraduates in Arts and Science who are registered at the Presbyterian College as in training for the study of theology with a view to the Ministry and who have creditably passed the sessional examinations.

UNIVERSITY BURSARIES (see page 608).

*KHAKI UNIVERSITY AND Y.M.C.A. MEMORIAL SCHOLARSHIP FUND (see page 619).

*LEONARD FOUNDATION SCHOLARSHIPS (see page 619).

WOMEN ASSOCIATES OF McGILL BURSARY (see page 620).

WORKMAN STUDENTSHIP (see page 636).

III. SCHOLARSHIPS, BURSARIES, LOAN FUNDS, MEDALS, AND PRIZES IN THE VARIOUS FACULTIES OF THE UNIVERSITY

A. OPEN TO STUDENTS IN ALL FACULTIES

UNIVERSITY SCHOLARSHIPS.—University Scholarships with a maximum value of $300 a year (see page 607) may be awarded by the University Scholarships Committee to students in any year of any undergraduate faculty. They are awarded for exceptionally distinguished work in the regular University examinations and special applications are not required.

Tenable also at Macdonald College.

UNIVERSITY BURSARIES.—The University has established a number of bursaries open to students in all faculties and schools. The general regulations governing the award of these are stated on page 608. Application must be made on a special form and forwarded to the Registrar. The forms may be obtained from the Registrar's Office and must be returned before the end of August.

DOMINION-PROVINCIAL LOANS AND BURSARIES—The Dominion and Provincial Governments jointly offer a number of bursaries and combined bursaries and loans to degree students in most faculties and schools. These are open to men and women on equal terms. The Quebec grants are half bursary and half loan, the latter being repayable one year after graduation. To be eligible for a Quebec grant, a student must be a British subject with at least five years' residence in the Province of Quebec, and must be under thirty years of age, in good academic standing, and in definite need of financial assistance. Students following the B.A. course and students in Divinity and Nursing are not eligible under this plan, nor are students who receive any assistance from other Government funds. The award varies with the need and will not generally exceed $300 in any one session. These bursaries may be renewed upon application to the Registrar's Office before 1st June if the conditions for granting the award are maintained. Applications for new bursaries must be submitted on the proper forms before 15th September. Decisions regarding renewals of these bursaries are usually made late in August, but decisions regarding the award of new bursaries are not usually made until after the middle of October. For further particulars apply to the Registrar's Office. Students coming to McGill from other provinces should inquire from their Provincial Departments of Education whether they are eligible to participate in any comparable scheme.

*B'NAI B'RITH BURSARIES.—Three bursaries of $100 each have been given to the University by the Mount Royal Lodge of B'nai B'rith. These bursaries are open to men and women students in any faculty. Need and scholarship will determine the award. Applications in writing must reach the Registrar before the end of August.

B'NAI B'RITH HILLEL FOUNDATION BURSARY.—This Bursary of $200, established by the B'nai B'rith Hillel Foundation of McGill University, is awarded by the University Scholarships Committee to a deserving student, irrespective of race, colour, or creed, in any faculty, preference being given to a student returning from service in the armed forces.

HILLEL FOUNDATION BURSARIES.—A number of bursaries have been given to the University through the B'nai B'rith Hillel Foundation at McGill

These awards are also tenable at Macdonald College.

University. These bursaries are awarded by the University Scholarships Committee to deserving students of any faculty, irrespective of race, colour, or creed.

*FREDERICK SOUTHAM KER BURSARY.—This bursary was established in 1941 by the late F. N. Southam in memory of his grandson, Frederick Southam Ker, who was killed in action on September 6th, 1940. This bursary of $175 is open on equal terms to men and women of all faculties without respect to religion or race. It is awarded to a student who gives promise of becoming a good citizen but is handicapped in his or her academic course by lack of funds. Financial need, character, and academic record are all taken into account in making the award.

NATIONAL COUNCIL OF JEWISH WOMEN OF CANADA, MONTREAL SECTION, BURSARIES.—The National Council of Jewish Women of Canada, Montreal Section, offers each year a limited number of bursaries. The value of each award is normally $100. These bursaries are awarded by the Council upon the recommendation of the University Scholarships Committee. Academic standing and financial need are both taken into consideration in making the award. Application should be made on the ordinary University Bursary application form.

*KHAKI UNIVERSITY AND Y.M.C.A. MEMORIAL SCHOLARSHIP FUND.—The interest on this fund is awarded in scholarships by the Scholarships Committee subject to the following two conditions:

(i) that the scholarships may be held by undergraduates only;

(ii) that the preference is given to sons and daughters of soldiers:

(a) who served in the war of 1914-18;

(b) who served in the war of 1939-45.

*LEONARD FOUNDATION SCHOLARSHIPS.—The Leonard Foundation created in 1916 by the late Colonel Reuben Wells Leonard and Mrs. Leonard offers each year a number of scholarships tenable at schools, colleges, and universities in Canada, approved by the Foundation.

The scholarships are open to men and women. A student to be eligible must be "a British subject, of the white race, of the Christian Religion in its Protestant form, and of the full age of fourteen years."

The amount of the award will vary with the need of the winner.

Sons and daughters of the following are given preference in the selection of scholars:

(a) Clergymen, (b) School Teachers, (c) Officers, Non-Commissioned Officers and Men, whether active or retired, of his Majesty's naval,

These awards are also tenable at Macdonald College.

military, or air forces, (d) Graduates of the Royal Military College, (e) Members of the Engineering Institute of Canada, (f) Members of the Mining and Metallurgical Institute of Canada.

Men and women returning from active service are also given preference over the non-preferred class.

The University is willing to endorse and forward with its recommendation applications of any candidates who may wish to apply through the University and are approved by it.

Such candidates must make their applications on forms to be obtained from the Registrar's Office and must return these to the Registrar before January 1st, 1952.

A booklet giving further particulars may be consulted in the Registrar's Office.

THE WILLIAM JOHN DEY BURSARIES.—Established in 1950 under the will of the late Mary Helena Dey in memory of her father, the Reverend William John Dey, M.A., D.D., (B.A.), Class of 1867, McGill University, these bursaries are open to full-time undergraduates, both men and women, in all faculties and schools, and are awarded by the University Scholarships Committee.

WOMEN ASSOCIATES OF MCGILL BURSARY.—A bursary of approximately $125 is available each year to men and women students in any Faculty. Scholarship and need will determine the award. The winner will be chosen by the Executive of the Women Associates of McGill from a list of candidates recommended by the Scholarships Committee and selected from the applicants for University bursaries. (See page 618).

THE COHEN BURSARY.—This bursary of $200 has been established by Mr. Harry Cohen, K.C., and is awarded by the University Scholarships Committee to one or more deserving students without consideration of faculty, creed, or colour.

ANONYMOUS BURSARY.—This bursary of $150 has been given to the University by an anonymous donor and is open to men or women students of good academic standing who are in need of financial assistance. The award is made by the University Scholarships Committee.

MCGILL U. N. T. D. BURSARY.—This Bursary, endowed by the University Naval Training Division with an annual value of $30, is awarded by the University Scholarships Committee on the recommendation of the responsible Naval authorities to the U. N. T. D. rating who is considered to be the most deserving applicant. If in any year there is no applicant of high enough quality, the award is withheld.

THE TEMPLE EMANU-EL SISTERHOOD BURSARY.—Established in 1946 in memory of the men who lost their lives in the war of 1939-45, this Bursary, with an annual value of $100, is open to men undergraduates in all faculties and is awarded by the University Scholarships Committee.

THE ROY M. WOLVIN MEMORIAL SCHOLARSHIPS (see page 626).

THE STUART DUNN MEMORIAL SCHOLARSHIP—Founded by Major Charles Gwyllym Dunn of Quebec City in memory of his son, Sergeant (Wireless Air Gunner) Stuart Dunn, R.C.A.F., a student at McGill University who died on active service in July, 1941. The Scholarship, value $100 per annum, is to be awarded annually to a male student of the Protestant Christian Faith whose home is outside the Island of Montreal. In making the award the Scholarships Committee takes into consideration: (a) the candidate's scholarship, character, personality, and quality of leadership, (b) his need of financial assistance, and (c) the general usefulness to the community of the special branch of study he proposes to follow.

THE JOSEPH ALFRED JACOBSON MEMORIAL SCHOLARSHIP.—This Scholarship, of $200, was established by Mr. and Mrs. Percy N. Jacobson in memory of their son, Flight-Sergeant Joseph Alfred Jacobson, of the Royal Canadian Air Force, who was killed in action on the 28th January, 1942. The Scholarship is open to men and women in any faculty on equal terms. It is given to a student selected by the University Scholarships Committee on the grounds of his personality, academic strength, interest in university sports, and financial need.

THE HINGSTON BURSARY.—This bursary of $80 has been established by Mrs. Stuart Merrett in memory of her son, Pilot Officer F.W. (Billy) Hingston, B.A. 1940, who was killed while flying in a raid on Germany on the 4th of December, 1943. The bursary is open to male undergraduates without restriction as to race or creed or faculty and is awarded by the University Scholarships Committee.

THE CANADIAN ARMY UNIVERSITY COURSE MEMORIAL BURSARY.—This bursary has been established by the Canadian Army University Course Association of McGill University as a memorial to the three of their comrades, Richard F. Gyles, Robert J. Lockhart, and James C. Wheeler, who lost their lives in the World War, 1939-45. It is awarded by the University Scholarships Committee on the recommendation of the Association and preference is given to members of the McGill Canadian Army University Course and to other men who volunteered for active service, and their children.

NATIONAL FEDERATION OF CANADIAN UNIVERSITY STUDENTS EXCHANGE SCHOLARSHIPS.—Under an arrangement between the National Federation of Canadian University Students and the various Canadian universities a scheme of scholarships has been instituted which permits one or more

students to spend the penultimate year of their course in a university in another part of Canada. The tuition and student activities fees of the student are paid by the university visited. Applications from McGill students should be made to the Registrar before the 15th of February. McGill University has, under this scheme, offered two of these Federation Scholarships each year to qualified students from other universities.

PRIZES

CHESTER MACNAGHTEN PRIZES.—Two prizes, one of $50 and the other of $25, are offered annually in a competition for the best piece of creative writing in English submitted by a student of the University. The work submitted may be a story, a play, a poem, an essay, etc. The material should be carefully selected and properly presented. The judges will not read untidy manuscripts or a large number of newspaper clippings. Compositions that have appeared in print are not ineligible provided they have been published since 1st March, 1951. No candidate may submit more than two entries. Compositions must be typed and must reach the Registrar before the 1st March, 1952. Entries that win prizes or honourable mention will be retained by the University and filed in the Redpath Library.

THE J. M. RUTHERFORD MEMORIAL PRIZE.—This Prize of the value of $100 is awarded for some original work or study undertaken by a student of the University, on his own initiative, preferably outside the regular work for his or her degree. Candidates may be nominated by any member of the University staff or may apply in writing directly to the Registrar, submitting evidence of their qualifications. Applications or nominations should be received by the Registrar not later than April 1st. The award is made by the University Scholarships Committee.

NEIL STEWART PRIZE.—An annual prize of $20 in the Hebrew Language and Literature, established by Mr. Neil Stewart of Vankleek Hill in 1878, is open to students in the University and in the affiliated Theological Colleges.

THE MCCHARLES PRIZE (see page 640).

LOAN FUNDS

Application for loans, unless otherwise stated, should be made through Deans of Faculties or Directors of Schools.

UNIVERSITY LOAN FUND.—A Student Loan Fund has been established by the University to assist needy students in all Faculties. Loans are made

normally only to students in upper years (see page 608), with good academic standing.

UNIVERSITY LODGE LOAN FUND.—The University Lodge No. 84, Q.R., A.F. and A.M., has established a loan fund for Masons and the children of Masons in attendance at McGill University. Loans will not exceed the annual tuition fees. They are open to qualified students in all faculties and all years. Applications should be made by letter to the Bursar. Need and academic merit will determine the awards.

ROTARY CLUB OF OTTAWA STUDENT LOAN FUND.—The Rotary Club of Ottawa has established a Student Loan Fund for third and fourth year students in any faculty who are residents of Carleton County, Ontario, and are attending universities throughout Canada. Annual loans will not exceed $250. Further information and application forms may be obtained from the Registrar's Office.

ONTARIO GRADUATES' SOCIETY LOAN FUND.—This loan fund open to students in all Faculties has been established by the Ontario Branch of the Graduates' Society.

LUTHERAN STUDENT LOAN FUND.—Lutheran students attending McGill University are eligible to apply for loans from this fund which was established in 1950 by the Evangelical Lutheran Church of the Redeemer.

ROYAL CANADIAN AIR FORCE BENEVOLENT FUND.—Students who served in the Royal Canadian Air Force are eligible for grants from the R.C.A.F. Benevolent Fund This Fund makes loans or outright gifts to meet special emergencies or acute distress. For further particulars, students should apply to Mr. E. C. Knowles, Students' Counsellor, Arts Building.

THE BENNETT EDUCATIONAL FUND.—For students in Engineering (see page 644).

COMMERCIAL SOCIETY LOAN FUND.—For students in Commerce (see page 636).

THE CLASS OF 1899 FUND.—For students in Engineering (see page 643).

THE GEORGE HENRY FROST FUND.—For students in Engineering (see page 643).

THE KELLOGG FOUNDATION LOAN FUND.—For students in Medicine, Dentistry, and the School for Graduate Nurses (see pages 646, 648, and 674).

THE WADDELL LOAN FUND.—For students in Engineering (see page 643).

THE CANADIAN INSTITUTE OF MINING AND METALLURGY LOAN FUND.—For students in Engineering (see page 643).

B. OPEN TO STUDENTS IN THE FACULTY OF ARTS AND SCIENCE

(INCLUDING COMMERCE)

For details of Entrance Scholarships see pages 609 and 610.

For scholarships open to women only see page 631.

For Scholarships, Bursaries, and Loan Funds open to undergraduates in all Faculties see page 617.

For details of awards restricted to students in the School of Commerce see page 634.

For awards open to Graduate Students see page 658.

GENERAL REGULATIONS IN ARTS AND SCIENCE

1. Only students in regular undergraduate standing are eligible for scholarships.

2. Scholarships will be awarded only if an adequate standard is attained.

3. If in any college year there is not a sufficient number of candidates showing adequate merit, any one or more of the scholarships offered for competition may be given to more deserving candidates in another year.

4. In order to retain his scholarship a successful candidate must proceed regularly with his college course to the satisfaction of the Faculty.

5. The annual income of the scholarships will be paid in two instalments, viz.:—One in October and one in February.

SECOND YEAR SCHOLARSHIPS

GROUP I

Six scholarships of $100 each are offered to students advancing from the first to the second year for proficiency in their subjects of study. The awards will be made on the basis of the students' complete academic records and on recommendations from the departments in which they have taken their courses.

GROUP II

The following scholarships are also offered, according to the terms indicated, to students advancing from the first to the second year.

THE CHARLES ALEXANDER SCHOLARSHIP.—Established in 1870 by Charles Alexander, "for the encouragement of the study of Classics and other subjects." Value $90.

THE JANE REDPATH EXHIBITION.—Founded by the late Mrs. Redpath, for the maintenance of an exhibition in Arts and Science. It is restricted to men and is awarded on the result of the sessional examinations of the first year to the man who makes the highest average on the year's work. Value $200.

THE BARBARA SCOTT SCHOLARSHIP.—Founded by the will of the late Barbara Scott to form an annual scholarship for the student "excelling in Classics in the First Year." Value $80.

THE MARGARET JANE ALLAN SCHOLARSHIP.—This scholarship, of $200, was established in 1929 by a bequest to the Royal Victoria College from Mrs. Agnes W. Allan. It is awarded each year to the woman student in either the B.A. or the B.Sc. courses in Arts and Science who obtains the highest standing in the sessional examinations of the first year.

SCHOLARSHIPS TENABLE IN THE SECOND, THIRD, OR FOURTH YEARS

GROUP III

SIR WILLIAM MACDONALD SCHOLARSHIPS.—Six scholarships of $125 each are open to men students in the Second, Third, and Fourth Years.

†THE SIR WILLIAM DAWSON SCHOLARSHIP.—Given by the New York Graduates' Society; value $60. Open also to students in Engineering.

THE DR. BARCLAY SCHOLARSHIP.—Awarded in the Classical Department, value $50.

THE REFORD SCHOLARSHIP.—The interest on this fund, amounting to about $200 per annum, will be equally divided each year and placed at the disposal of the Departments of English and Philosophy.

THE HOUSTON SCHOLARSHIP.—Founded by the will of Thomas Houston, to establish a scholarship for French students studying for the ministry of the Presbyterian Church or the United Church of Canada. It is open only to undergraduates in the Faculty of Arts and Science under the above restriction and is awarded on the result of the sessional examinations without regard to year. The value is $100.

PETERSON MEMORIAL SCHOLARSHIP IN CLASSICS.—Founded in memory of Sir William Peterson, Principal of McGill University from 1895 to 1918, by his son, W. G. Peterson, M.A. This scholarship of the total value of $400 ($200 a year for two years) is open to students in any year. The winner is nominated by the Faculty of Arts and Science.

†*Not to be awarded until further notice.*

THE MAJOR HIRAM MILLS SCHOLARSHIP.—This scholarship, of the value of $50 is open to students in any of the biological sciences including Anatomy, Bacteriology, Biochemistry, Botany, Genetics, Physiology, and Zoology. It is open to both men and women.

THE ROY M. WOLVIN MEMORIAL SCHOLARSHIPS.—Four scholarships of $375 each are given by Mrs. Roy M. Wolvin in memory of her husband. Two of these scholarships are open to men in any undergraduate faculty who have a good academic record and need financial assistance. One or both of these scholarships may be divided if the University Scholarships Committee thinks it desirable. Applications for these two scholarships must be made in writing to the Registrar before November 1st. One scholarship is restricted to men undergraduates in the Faculty of Engineering and one is restricted to women undergraduates in the Faculty of Arts and Science. These last two awards are made by the Faculty Scholarships Committees on the basis of the results of the sessional examinations.

THIRD YEAR SCHOLARSHIPS

GROUP IV

Eight scholarships of $100 each are offered to students advancing from the second to the third year in both the General Course and the Honours Courses, on the basis of academic record and recommendations from departments.

GROUP V

The following scholarships are also offered, according to the terms indicated, to students advancing from the second to the third year.

ROBERT BRUCE SCHOLARSHIP.—From a fund, created by the will of the late Robert Bruce, of Quebec City, one scholarship of the annual value of $75, tenable for two years, will be awarded for high standing in the examinations at the end of the second year.

THE CHARLES WILLIAM SNYDER MEMORIAL SCHOLARSHIP.—This scholarship, founded by L. P. Snyder, Esq., in memory of his son, Charles William Snyder, a student of first year Arts, who was killed in the Battle of Sanctuary Wood on June 2nd, 1916, is of the value of $250. It is awarded annually on the results of the examinations in English and Economics of the second year, and is subject to the condition that the holder take an Honours Course in English, with Economics as a minor subject in his third year, or the Honours Course in English and Economics. It is open to male students in the Faculty of Arts and Science professing the Christian religion.

THE ALEXANDER MACKENZIE SCHOLARSHIP.—One scholarship of the value of $215 is awarded annually on the results of the honours examinations of the second year in Political Science and is open only to a student who has completed the work of that year. Tenure of the scholarship is conditional upon the holder's taking the honours work in Political Science of the third year. (See also Group VI.)

THE HANNAH WILLARD LYMAN MEMORIAL SCHOLARSHIP of the value of $80 is awarded annually to a woman student of the third or fourth year.

DELTA PHI EPSILON SORORITY BURSARY.—This bursary, founded by the Delta Phi Epsilon Sorority in memory of Edith Silver, is of the value of $100 and is open to a woman student entering the third year of the Faculty.

THE KNIGHTS OF PYTHIAS SCHOLARSHIP.—This scholarship, of $300, is awarded annually to a student in the Social Sciences. It is open on equal terms to men and women. The winner must be a resident of the Island of Montreal, and entering the third year of the B.A. course. The award may be renewed for a further year if the holder proves to be worthy of such recognition.

For other third year scholarships see also Group III.

FOURTH YEAR SCHOLARSHIPS

GROUP VI

THE JAMES DARLING MCCALL SCHOLARSHIP.—This scholarship was founded by J. T. McCall, Esq., in memory of his son, James D. McCall, B.Sc., who was drowned shortly after the war of 1914-18, in which he served with distinction. This scholarship is awarded each year to a male student of the fourth year professing the Christian religion, who is taking honours in English or in Philosophy or in both these subjects. It is of the value of $250.

THE ALEXANDER MACKENZIE SCHOLARSHIP.—One scholarship of the value $215, is awarded annually on the results of the honours examinations of the third year in Political Science and is open only to a student who has completed the work of that year. Tenure of the scholarship is conditional upon the holder's taking the honours work in Political Science of the fourth year (see also Group V).

ANGUS MCCOY SMITH SCHOLARSHIP.—This scholarship of $100, founded by Mr. and Mrs. Allan L. Smith in memory of their son, Augus McCoy Smith, a graduate of the University, who was killed in the Second World War, is awarded annually to a Protestant male student of the Faculty of Arts and Science who is entering the fourth year. The award is based on academic record, character, financial need, and general promise.

THE SHAKESPEARE SCHOLARSHIP.—This Scholarship, of the value of $100, is awarded annually to a student advancing to the fourth year who has

shown special distinction in English Honours courses. The award is made by the Faculty Scholarships Committee on the recommendation of the Department of English.

For other fourth year scholarships see Group III and Group V.

MEDALS IN ARTS AND SCIENCE

The following medals are awarded to the graduating students who stand highest in the First Class Honours List of the subjects named, provided the Faculty so recommends to Senate:—

The Henry Chapman Gold Medal, for Classical Languages and Literature.

The Prince of Wales Gold Medal, for Mental and Moral Philosophy.

The Anne Molson Gold Medal, for Mathematics and Natural Philosophy.

The Shakespeare Gold Medal, for English Language and Literature.

The Logan Gold Medal, for Geology, Mineralogy and Palaeontology.

The Major Hiram Mills Gold Medal, for Biology.

The Governor-General's Gold Medal, for Modern Languages and Literature.

The Governor-General's Silver Medal awarded to the student standing highest among those graduating "with great distinction" in the general course.

The Lieutenant-Governor's Silver Medal awarded to the student who stands second among those graduating "with great distinction" in the general course.

The Allen Oliver Gold Medal, for Economics and Political Science (founded by Mrs. Frank Oliver, in memory of her son, the late Allen Oliver, B.A., M.C., Lieutenant, 26th Battery, C.F.A., who was killed in action at the Somme, on November 18th, 1916).

The Lieutenant-Governor's Silver Medal, for History.

The French Government's Silver Medal for excellence in French in the general course.

In addition to the above, certain medals are offered annually by the Alliance Française, at the discretion of the Department of French Language and Literature.

If there is no candidate for any medal, or if none of the candidates fulfils the required conditions, the medal is withheld, and the proceeds of its endowment for the year may be devoted to prizes in the subject for which it was intended.

PRIZES IN ARTS AND SCIENCE

ANNIE MACINTOSH PRIZE.—The endowment of this prize was contributed by friends and pupils of the late Miss Annie Macintosh and by a special gift of the late Miss I. G. Macintosh. The present value of the prize is $50. It is offered as a prize or prizes to students of the Royal Victoria College in such subject or for such work as the Faculty may determine.

PENHALLOW PRIZE IN BOTANY.—An annual prize of $25, endowed by the Arts Undergraduate Society in 1911, is awarded to the graduating student whose complete record shows the highest first class standing in Botany. At least 4 full courses in the subject must have been taken, and Honours students will receive preference.

HENRY CHAPMAN PRIZE.—A book prize of the value of $20 is given in modern languages (excluding English), or in Hebrew.

THE CHESTER MACNAGHTEN PRIZES (see page 622).

THE J. M. RUTHERFORD MEMORIAL PRIZE (see page 622).

THE CHERRY PRIZE.—This prize of books, value $40, founded by Wilbur H. Cherry, Arts 1907, and Anna Cherry, Arts 1918, in memory of their father, William Cherry, Med. 1869, and of their brother, William McFie Cherry, Arts 1911, is awarded annually by the Department of Economics and Political Science to the student who is, in the opinion of the Department, deserving of such recognition.

PETERSON MEMORIAL PRIZE IN LITERATURE.—This prize, value $50, founded by W. G. Peterson, M.A., in memory of his father, Sir William Peterson, Principal of McGill University from 1895-1918, is awarded to the undergraduate, or graduate, student who in addition to having achieved distinction in English Literature has given evidence of creative literary ability.

THE DORA FORSYTH PRIZE.—An annual prize of $50 bequeathed by the late Miss Jeannie Forsyth for English Literaure. This prize is open to women students only and is awarded to a candidate recommended by the Department of English Language and Literature and approved by the Faculty of Arts and Science.

FANTHAM MEMORIAL PRIZE IN ZOOLOGY.—This prize of $50, endowed by Dr. Annie Fantham in memory of her husband, Professor H. B. Fantham, late Strathcona Professor of Zoology and Head of the Department, is awarded annually to the graduating student who has taken the full honours course in Zoology and who ranks highest of those obtaining first class honours in this subject. The prize is open to men and women.

MADELENE HODGSON PRIZE IN HISTORY.—An annual prize of $15 endowed by the Imperial Order Daughters of the Empire in recognition of the work done by Mrs. W. C. Hodgson as President of the Provincial Chapter of Quebec. The prize is awarded to the third year Honours student in History who in the opinion of the Department of History has done the most outstanding work in this subject.

HISTORICAL SOCIETY'S PRIZE.—This prize is endowed by a fund belonging to the Historical Society. The award is made jointly by the Executive of the Historical Society and the Chairman of the Department of History to the male undergraduate in the first year who has shown the greatest promise in History and intends to read for Honours in this subject, and is awarded in books.

ANNE MOLSON PRIZE IN CHEMISTRY.—A prize of $100 awarded annually to the student with the highest record among those graduating with First Class Honours in Chemistry.

PRIZES IN BOTANY AND ZOOLOGY.—A sum of $50 is awarded annually as a prize or prizes in the Department of Botany and Zoology for original summer collections. Candidates should consult these Departments concerning the collections to be made.

ORNITHOLOGY PRIZE.—A prize of $10 given by Mrs. Christine L. Henderson, to be spent by the winner upon books of his choice relating to natural history. At present this prize is awarded to the student standing highest in the first class in the examination in Advanced Vertebrate Zoology.

ETHEL WALKEM JOSEPH PRIZE.—The Wolfe and Montcalm Chapter of the Imperial Order Daughters of the Empire has endowed an annual prize of $20 in the Department of Education as a tribute to Mrs. Henry Joseph, Regent of the Chapter.

PRIZE OF THE MINISTER OF SWITZERLAND IN CANADA FOR FRENCH.—A prize in books for excellence in the third year in French Language and Literature.

PRIZE OF THE MINISTER OF SWITZERLAND IN CANADA FOR GERMAN.—A prize in books for excellence in German is awarded by the Scholarships Committee of the Faculty of Arts and Science on the recommendation of the Department of German to an undergraduate student whose mother tongue is not German.

MARION MCCALL DALY PRIZE.—A prize of $100 awarded each year to a woman student who has completed the second year and is entering the third year of the Faculty of Arts and Science (including Commerce), or the Faculty of Engineering (including Architecture) at the University. The award is made by the University Scholarships Committee in consultation with the President of the McGill Women's Union and another senior woman student chosen by the Committee. In making the award the Committee takes into

account (a) the candidate's promise of making a definite contribution to Canadian life, (b) the financial need of the candidate, and (c) the academic record of the candidate.

THE BORIS MUSKATOV PRIZE IN PSYCHOLOGY.—An annual prize of $15 in books has been endowed by Miss Serafima Muskatov in memory of her brother, Boris Muskatov, who died on January 9th, 1948, while a student-veteran at Dawson College. This prize is offered to a student who has completed the third year in the Faculty of Arts and Science and has done the best work in the subject of Psychology. The award is made by the Scholarships Committee of the Faculty of Arts and Science on the recommendation of the Department of Psychology after the third year examination results are known.

PROVINCE OF QUEBEC PSYCHOLOGICAL ASSOCIATION PRIZE.—A prize of $10 offered annually by the Association to a student in the final year. It is awarded on the recommendation of the Department of Psychology to the student who has, in their opinion, done the most distinguished work in Psychology throughout the course.

For awards open to graduates see page 658.

BURSARIES

LOGAN BURSARIES.—A part of the interest of the Logan Medal Fund, amounting to about $180 a year, may be awarded upon the recommendation of the Department of Geological Sciences to undergraduate or graduate students in that department.

Applications should be made in writing to the Chairman of the Department of Geological Sciences before the 31st August.

C. OPEN TO STUDENTS OF THE ROYAL VICTORIA COLLEGE

ENTRANCE SCHOLARSHIPS

ROYAL VICTORIA COLLEGE ENTRANCE SCHOLARSHIPS.—Two scholarships of $685 each, open to women only, and conditional on residence in the Royal Victoria College, are offered each year. These are awarded on the result of the McGill School Certificate or Senior School Certificate or other approved examinations and are tenable for one year only.

J. W. McCONNELL MEMORIAL SCHOLARSHIPS.—See page 611.

MORRIS W. WILSON MEMORIAL SCHOLARSHIPS.—See page 611.

UNIVERSITY ENTRANCE SCHOLARSHIPS AND BURSARIES.—See pages 609-617.

GEORGE HERRICK DUGGAN MEMORIAL SCHOLARSHIPS.—See page 614.

THE HON. ROBERT JONES BURSARY.—See page 612.

ROBERT BRUCE SCHOLARSHIP AND BURSARY.—See page 612.

THE OTTAWA VALLEY GRADUATES' SOCIETY BURSARY.—See page 613.

THE DUNCAN McCASKILL SCHOLARSHIP.—See page 616.

THE SEBA ABBOTT SMITH MEMORIAL SCHOLARSHIP.—See page 613.

CANADIAN PACIFIC RAILWAY SCHOLARSHIPS.—See page 613.

FRANK P. JONES SCHOLARSHIPS.—See page 615.

SCHOLARSHIP GRANTED BY THE GRADUATES' SOCIETY OF THE DISTRICT OF BEDFORD.—See page 615.

NARCISSA FARRAND SCHOLARSHIP.—See page 616.

THE GRACE FAIRLEY TRAFALGAR SCHOLARSHIP.—See page 616.

THE ISABELLA C. MACRAE SCHOLARSHIP.—See page 616.

THE CHRISTIE-STORER SCHOLARSHIP.—See page 616.

THE SIDNEY J. HODGSON SCHOLARSHIPS.—See page 615.

All scholarships and bursaries listed on pages 617-622.

ADDITIONAL SCHOLARSHIPS AND BURSARIES

For a statement of the scholarships, bursaries, and loan funds open to women students of the University, see pages 609-622.

RESIDENT BURSARIES.—In addition to these, four resident bursaries in all, of the value of $200 each, are available for outstanding students of the second, third and fourth years who are nominated by the Warden. In exceptional cases one or more of these may be awarded to first year students.

ALPHA OMICRON PI BURSARY.—A Bursary of $50 is given by the Alpha Omicron Pi Mothers' Club for a woman student, resident of Royal Victoria College or non-resident. The award is made on the recommendation of the Warden of the Royal Victoria College to a candidate with good academic standing and financial need.

THE ROY M. WOLVIN SCHOLARSHIPS.—See page 626.

SPECIAL SCHOLARSHIPS ADMINISTERED BY A COMMITTEE OF THE ALUMNAE SOCIETY.

ETHEL HURLBATT SCHOLARSHIP.—A scholarship of the annual value of $100 to be known as the Ethel Hurlbatt Scholarship, in memory of the late Miss Ethel Hurlbatt, a former Warden, has been founded by the Alumnae Society and will be awarded annually to a distinguished student of the 2nd, 3rd, or 4th year in any undergraduate faculty who is in need of financial assistance. Application forms which may be obtained at the Registrar's office should be returned by April 15th.

SUSAN CAMERON VAUGHAN SCHOLARSHIP.—A scholarship of the annual value of $100 to be known as the Susan Cameron Vaughan Scholarship in honour of Mrs. Walter Vaughan, retired Warden, has been founded by the Alumnae Society and will be awarded annually to a distinguished student of the 2nd, 3rd, or 4th year in any undergraduate faculty who is in need of financial assistance. Application forms which may be obtained at the Registrar's Office should be returned by April 15th.

HELEN R. Y. REID SCHOLARSHIP.—A scholarship of the annual value of $100 made possible by a legacy from the estate of the late Dr. Helen R. Y. Reid, to be known as the Helen R. Y. Reid Scholarship will be awarded annually to a distinguished student of the 2nd, 3rd, or 4th year in any undergraduate faculty who is in need of financial assistance. Application forms which may be obtained at the Registrar's Office should be returned by April 15th.

GEORGINA HUNTER SCHOLARSHIP.—This scholarship, of the annual value of $100, to be known as the Georgina Hunter Scholarship in memory of the late Georgina Hunter, a member of the first graduating class of women at McGill University, the first President of the Alumnae Society, and a former Principal of the High School for Girls, Montreal, has been founded by the Alumnae Society and will be awarded annually to a distinguished student of the 2nd, 3rd, or 4th year in any undergraduate faculty who is in need of financial assistance. Application forms which may be obtained at the Registrar's Office should be returned by April 15th.

CARRIE DERICK SCHOLARSHIP.—A scholarship of the annual value of $100, to be known as the Carrie Derick Scholarship in honour of the late Professor Carrie M. Derick, B.A. 1890, M.A. 1890, first woman professor at McGill, has been founded by the Alumnae Society and will be awarded to a distinguished student of the 2nd, 3rd, or 4th year in any undergraduate faculty who is in need of financial assistance. Application forms which may be obtained at the Registrar's Office should be returned by April 15th.

THE LOCAL COUNCIL OF JEWISH WOMEN OF MONTREAL offers two annual bursaries of $100 each to be given to deserving students of the College in need of this financial assistance, the awards to be made by the Scholarship Committee of the Alumnae Society.

THE B'NAI B'RITH MOUNT ROYAL WOMEN'S AUXILIARY NO. 257 offers an annual scholarship of $100 to be given to a deserving student of the college in need of this financial assistance, the award to be made by the Scholarship Committee of the Alumnae Society.

ALUMNAE SOCIETY BURSARIES AND LOANS.—In addition to the above, a limited number of bursaries and loans are offered by the Alumnae Society through its Scholarship Committee.

Students interested in bursaries and loans should consult the Warden before the opening of the session.

GENERAL PRIZES

MARION MCCALL DALY PRIZE.—A prize of $100 awarded each year to a woman student who has completed the second year and is entering the third year of the Faculty of Arts and Science (including Commerce), or the Faculty of Engineering (including Architecture) at the University. The award is made by the University Scholarships Committee in consultation with the President of the McGill Women's Union and another senior woman student chosen by the Committee. In making the award the Committee takes into account (a) the candidate's promise of making a definite contribution to Canadian life, (b) the financial need of the candidate and, (c) the academic record of the candidate.

EDMUND HENRY BOTTERELL PRIZE.—This prize, the annual value of which is the income from a capital sum of $4,000, was established by a legacy from the late Mrs. Florence A. Redpath. Under the terms of endowment, it is to be known as the "Edmund Henry Botterell Prize" and is to be awarded on the recommendation of the Warden to a first year student registered in the Royal Victoria College. For the present the award will be made to a student whose academic interests and record combined with personal qualities indicate marked promise.

PRIZES IN ARTS AND SCIENCE—(Including Commerce)

ANNIE MACINTOSH PRIZE.—The endowment of this prize was contributed by friends and pupils of the late Miss Annie Macintosh and by a special gift of the late Miss I. G. Macintosh. The present value of the prize is $50. It is offered as a prize or prizes to students of the Royal Victoria College in such subject or for such work as the Faculty may determine.

THE DORA FORSYTH PRIZE.—An annual prize of $50 bequeathed by the late Miss Jeanie Forsyth for English Literature. This prize is open to women students only and is awarded to a candidate recommended by the Department of English Language and Literature and approved by the Faculty of Arts and Science.

See also list of prizes in Arts, Science, Commerce, Architecture.

D. OPEN TO STUDENTS IN THE SCHOOL OF COMMERCE

For scholarships and bursaries open to undergraduates in all Faculties, see page 617.

SCHOLARSHIPS, BURSARIES, AND PRIZES

THE EDWIN WATERHOUSE SCHOLARSHIP.—The Edwin Waterhouse Scholarship, of the value of $250, donated by Price, Waterhouse and Company, is awarded annually by a committee consisting of the Principal, the Director

of the School of Commerce, and the Chairman of the Department of Economics and Political Science, to that student in the School of Commerce, who, having obtained a first class average in the annual examinations at the end of the third year of his course, is considered most deserving of financial assistance. Commerce students in the third year who wish to be considered should make written application to the Director of the School of Commerce not later than April 15th.

ISAAC BRUCK SCHOLARSHIPS.—The Bruck Silk Mills presents $500 annually to the University to provide two scholarships in the School of Commerce. The scholarships may be held by the students in the second, third or fourth year of the School, and are awarded annually without respect to race or sex by the Scholarships Committee of the Faculty of Arts and Science upon the results of the sessional examinations of the School.

THE LADDIE MILLEN MEMORIAL SCHOLARSHIP.—A scholarship to the value of $250 has been established by Mr. J. Ernest Millen in memory of his son, Laddie Millen, who was killed in action in the first World War. The award will be made to the student in any year in Commerce who presents the most satisfactory essay on a topic in the field of Industrial Relations. Students wishing to compete should apply to the Director of the School of Commerce on or before December 1st, 1951, the essays must be handed in by March 15th, 1952. The topic for the 1951-52 contest is "Compulsory Arbitration of Labour Management Disputes."

THE SYDNEY S. PAPPELBAUM BURSARY.—A Bursary in memory of the late Captain Sydney S. Pappelbaum, B.Com., 1942, to be awarded to a student in Commerce at the end of his second year, and about to enter the third year, with no restriction as to race, creed or colour. It is awarded by the Advisory Committee of the School of Commerce. Students who wish to be considered should make application to the Director of the School of Commerce, not later than April 15th.

THE F. W. SHARP PRIZE IN ACCOUNTANCY AND MATHEMATICS.—This will be awarded at the end of the fourth year to the best student in Accountancy, Business Organization and Mathematics. Value $50.

JOSEPH H. JACOBS PRIZE.—The sum of $650 was received from the executors of the estate of the late Joseph H. Jacobs. The annual revenue from this bequest, which is approximately $25, will be awarded as a prize for second year Accountancy.

THE PROFESSOR R. R. THOMPSON MEMORIAL PRIZE.—Established in honour of the late Professor R. R. Thompson by the Class of Commerce 1925, this Prize of $50 is awarded annually to the third year student in Commerce with the highest standing in examinations in Accounting and Auditing.

It is awarded by the Scholarships Committee of the Faculty of Arts and Science on the recommendation of the Director of the School of Commerce.

CHESTER MACNAGHTEN PRIZES (see page 622).

THE J. M. RUTHERFORD MEMORIAL PRIZE (see page 622).

MEDALS

THE SIR EDWARD BEATTY MEMORIAL MEDAL.—A gold medal endowed by the late Sir Edward Beatty, former Chancellor of the University, is offered to the student in the School of Commerce who attains the highest distinction in Economics. At present, it is awarded on the basis of the aggregate marks for the three full year courses, Principles of Economics (or Honours alternatives), Money and Banking, and Economic Analysis (or Honours alternatives).

LIEUTENANT-GOVERNOR'S MEDALS.—A silver medal and a bronze medal have been offered to the School of Commerce by His Honour the Lieutenant-Governor of the Province of Quebec, the silver medal for the student with the highest average throughout the last three years of study; the bronze medal for the one who has the second highest average throughout the last three years of study.

LOAN FUNDS

COMMERCIAL SOCIETY LOAN FUND.—A fund has been established by the Commercial Society to be known as "The Commercial Society Loan Fund," for the purpose of aiding each year one or more students of the School of Commerce who are entering their fourth year, to complete their course. Loans from this Fund are repayable within two years after graduation. Application should be made to the Director of the School of Commerce.

OTHER LOAN FUNDS (see page 622).

E. OPEN TO STUDENTS IN THE FACULTY OF ENGINEERING

(Including Architecture)

For scholarships and bursaries open to undergraduates in all Faculties see page 617.

ENTRANCE SCHOLARSHIPS

WORKMAN STUDENTSHIP.—The University accepts one nomination each year for a full course in Mechanical Engineering from the executors of the estate of the late Thomas Workman, provided the student nominated

(1) is a resident of Quebec,

(2) has obtained in the examinations qualifying for admission to the University the standard required by the Scholarships Committee for University Scholarships or Bursaries.

For other entrance scholarships see pages 609 and 610.

AWARDED ON THE RESULTS OF THE SESSIONAL EXAMINATIONS OR FOR SPECIAL THESES

BRITISH ASSOCIATION SECOND YEAR PRIZES.—Two British Association prizes of $40 and $20, at the end of the third year (3M), to the students obtaining the highest, and the second highest aggregate marks, respectively, in the sessional examinations in Calculus and Mechanics of the third year (3M).

SCOTT EXHIBITION.—A Scott exhibition of $35, founded by the Caledonian Society of Montreal, in commemoration of the centenary of Sir Walter Scott, and a British Association prize of $20, to the students obtaining the highest, and the second highest aggregate marks, respectively, in the sessional examinations in Mathematics, Mechanics, Descriptive Geometry, and Physics of the second year (2M).

ANGLIN-NORCROSS PRIZE.—A prize of $25, presented by the Anglin-Norcross Corporation Limited, to the student obtainining the highest mark in Architectural Drawing in the School of Architecture in the second year (2M). This award is granted only to students whose record enables them to proceed to the next higher year.

ANGLIN-NORCROSS PRIZE.—A prize of $25, presented by the Anglin-Norcross Corporation Limited, to the student obtaining the highest marks in the fourth year (4M) course in Design of Buildings in the School of Architecture.

THE LOUIS ROBERTSON PRIZE.—Founded by Mr. and Mrs. John A. Robertson, in memory of their son, John Louis Armour Robertson, who was killed in the Great War on July 18th, 1916, to be awarded in the form of books to the undergraduate student who ranks highest in Design in the final year of the School of Architecture.

PHILIP J. TURNER PRIZE.—A prize of $50 presented by Mr. A. B. Darbyson, a graduate in the School of Architecture of the Class of 1915, to the student obtaining the highest marks in Building Construction of the third year (3M) course in Architecture.

THE TURNBULL ELEVATOR COMPANY LIMITED PRIZES.—Four prizes of $62.50 each have been provided by the Turnbull Elevator Company Limited of Toronto for students of the School of Architecture who submit the best summer essays in their particular year.

The following prizes are offered for the best summer essays:—

ENGINEERING INSTITUTE OF CANADA PRIZES.—The Engineering Institute of Canada offers each year a prize of books or instruments to the value of $25 for the best paper in any branch of engineering received from an English-speaking Student or Junior of the Institute in the Province of Quebec. This prize is known as the Phelps Johnson Prize; another of the same value, the Ernest Marceau Prize, is awarded for the best paper in French. Similar prizes are open to those located in other provinces. The successful papers become part of the literature of the Institute and place the authors in prominent touch with the engineering profession. Further particulars may be obtained from L. Austin Wright, General Secretary, 2050 Mansfield Street, Montreal.

ENGINEERING INSTITUTE OF CANADA PRIZE.—The Engineering Institute of Canada also offers each year a prize of $25 to the student of the fourth year (4M) whose standing, considered in combination with his activities in student engineering organizations, is, in the opinion of the Faculty, most meritorious.

CANADIAN INSTITUTE OF MINING AND METALLURGY PRIZES.—Three prizes one of $25 and the President's gold medal, and two of $25 each, are offered annually for the best papers submitted by student members to the Canadian Institute of Mining and Metallurgy.

UNDERGRADUATE SOCIETY'S PRIZES.—Three book prizes to the value of $10 are given by the Undergraduate Society of the Faculty of Engineering for the best summer essays submitted by students in the fourth (4M) and fifth (5M) years.

In addition, two book prizes to the value of $10 are given by the Society for summer essays submitted by students entering the third year (3M).

The following regulations apply: (1) the Faculty will correct and grade the summer essays in the usual way, (2) when the classification is completed a list of those essays worthy of consideration by the Prize Committee will be posted, (3) essays awarded prizes will "ipso facto" become the property of the Engineering Undergraduates' Society and will be bound by the Society and kept in the Engineering Library, and (4) a notice, to accompany the list of essays considered, will be posted stating that among the students considered those wishing to compete for the prizes should signify their intention to do so so by writing to the Faculty, mentioning clearly that they accept condition No. 3.

THE JAMES DICKIE HALL PRIZE.—A prize of $100 granted annually by Oliver Hall in memory of his son, James Dickie Hall, lost near Cannes in June, 1944, in an air battle between four R.C.A.F. and more than ninety

enemy planes. This prize is open to students entering the fourth (4M) or the fifth (5M) year in Mining or Metallurgy and is awarded for the best summer essay.

THE ROY M. WOLVIN MEMORIAL SCHOLARSHIPS.—Four scholarships of $375 each are given by Mrs. Roy M. Wolvin in memory of her husband. Two of these scholarships are open to men in any undergraduate faculty who have a good academic record and need financial assistance. One or both of these scholarships may be divided if the University Scholarships Committee thinks it desirable. Applications for these two scholarships must be made in writing to the Registrar before November 1st. One scholarship is restricted to men undergraduates in the Faculty of Engineering and one is restricted to women undergraduates in the Faculty of Arts and Science. These last two awards are made by the Faculty Scholarships Committees on the basis of the results of the sessional examinations.

JAMES C. KIMBERLEY SCHOLARSHIPS.—Two scholarships of $250 each have been established by the Spruce Falls Power and Paper Company and are awarded by the Scholarships Committee of the Faculty of Engineering on the results of the final examinations in the third year (3M).

ADOLPH S. OCHS SCHOLARSHIPS.—Two scholarships of $250 each have been established by the Spruce Falls Power and Paper Company and are awarded by the Scholarships Committee of the Faculty of Engineering on the results of the final examinations in the fourth year (4M).

†SIR WILLIAM DAWSON SCHOLARSHIP.—A Sir William Dawson Scholarship, given by the New York Graduates' Society; value $60; open also to students in Arts and Science (see page 624).

SOCIETY OF CHEMICAL INDUSTRY PRIZE.—A prize of $50 is offered by the Montreal Section of the Society of Chemical Industry (Canadian Section) for an original essay on a chemical subject. Undergraduate students, other than those in their final year, are eligible to present papers. Further particulars may be obtained from the Registrar's Office.

INSTITUTE OF RADIO ENGINEERS PRIZES.—Each year two prizes will be offered to students of McGill and other approved universities for the best papers on radio engineering or some closely allied subject. The first prize is $25 and the second prize is a student membership in the Institute of Radio Engineers for a period of two years. Essays, which may be written in French or English, must reach the office of the Dean of the Faculty of Engineering not later than the 30th of November.

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†*Not to be awarded until further notice.*

CHESTER MACNAGHTEN PRIZES (see page 622).

THE J. M. RUTHERFORD MEMORIAL PRIZE (see page 622).

THE McCHARLES PRIZE.—This prize of $1,000, gift of the late Aeneas McCharles, is given for the discovery of improved methods of treating Canadian ores or minerals, for the development of new life-saving devices in the power and light industry, or for notable achievement in scientific research in any useful practical line and is open to any Canadian. Further information may be obtained from the Registrar's Office.

AWARDED AT THE DISCRETION OF THE FACULTY

THE ANGLIN BURSARY.—Of the value of $200, is given annually by Mrs Anglin in memory of her husband, the late Mr. J. P. Anglin, B.Sc., 1906.

THE HON. ROBERT JONES BURSARY.—Of the value of $120 per annum, "is granted from time to time to some needy student for the full term of study in the Faculty of Arts and Science or Engineering."

The bursary is continued until the holder graduates if his academic standing is entirely satisfactory. Applications should be made to the Dean of the Faculty.

BURSARY OF THE CORPORATION OF PROFESSIONAL ENGINEERS.—The Corporation of Professional Engineers presents annually a bursary of the value of $200, tenable by a student in the fourth (4M) or fifth (5M) year of the Faculty of Engineering and awarded by the Faculty.

THE BAYLIS SCHOLARSHIP.—Founded in memory of Mr. and Mrs. James Baylis, of Montreal, and having an annual value of $100, is awarded to some student entering the third year (3M) who is in need of financial assistance. The scholarship will be continued during the fourth (4M) and fifth (5M) years, if the standing of the student continues to be satisfactory.

Application should be made through the Dean of the Faculty.

DOUGLAS TUTORIAL BURSARIES.—The late Dr. James Douglas, who was a member of the Board of Governors, provided for twelve or more tutorial bursaries of approximately $90 per annum in the Faculty of Engineering. In assigning these, the circumstances of the applicants as well as their academic standing are considered. These bursaries carry the obligation of giving tutorial instruction equivalent to one evening a week. Students in the fourth (4M) and fifth (5M) years of Engineering are eligible. Written application should be made to the Dean's Office on or before October 15th.

THE RICHARD S. LEA TUTORIAL BURSARY.—The late Mrs. Wanda Lea, widow of the late Richard S. Lea, Consulting Engineer and graduate in Applied

Science of McGill University, provided a fund of $5,000, the revenue of which is to be used in aid of students who distinguish themselves in the Faculty of Engineering. The revenue will be used to provide two bursaries of $90 per annum to be given to suitable students in their last two years of Engineering, and carry the obligation of giving tutorial instruction equivalent to one evening a week. Written application should be made to the Dean's Office on or before October 15th.

H. M. MACKAY MEMORIAL SCHOLARSHIP.—This scholarship will be awarded to a student of British citizenship who has completed the second year (2M) in Engineering and intends to enter the third year (3M) in September, 1951. A committee appointed by the Faculty selects the scholar, having in mind the results of the second year (2M) sessional examinations, general character, industry, and other qualities desirable in an engineer. The value of the scholarship is $120. Payment is withheld if the scholar's progress is unsatisfactory.

THE JENKINS BROS., LTD., SCHOLARSHIP.—Supported by Messrs. Jenkins Bros., Ltd., and having an annual value of $200, is open to all Engineering students entering the fifth (5M) year in September 1951 and is awarded on the basis of academic standing and personality.

THE KENNECOTT COPPER CORPORATION SCHOLARSHIP.—This Scholarship of $750 has been established by the Kennecott Copper Corporation and is open to single students who have successfully completed their second to last year in the Faculty of Engineering (Mining). Inquiries should be made to the Chairman of the Department of Mining Engineering before February 1st.

THE NEVIL NORTON EVANS SCHOLARSHIP.—This scholarship of $90 a year was established in 1937 by graduates of the Faculty of Applied Science (Engineering), and is open to students of the Faculty of Engineering who show outstanding ability in Chemistry. The award will be made by the Faculty of Engineering and the Department of Chemistry.

THE HOBBS GLASS COMPANY SCHOLARSHIP.—This scholarship of $250 is awarded to a student of the fifth year (5M) in the School of Architecture who has submitted the best solution of a design problem in which glass is a major item. The judges are a committee of the staff of the School of Architecture or practising architects.

R. C. E. MEMORIAL SCHOLARSHIPS.—These Scholarships of $100 each have been established by the Royal Canadian Engineers and are tenable for one year at a number of universities throughout Canada. One award is open to students at McGill University who have successfully completed their second to last year in the courses leading to the degree of Bachelor of Engineering or Bachelor of Architecture. Candidates must be members

in good standing of the C.O.T.C. and must have successfully completed at least one summer season's training with such unit or as a member of such unit. Academic standing, qualities of leadership, and participation in C.O.T.C. and student activities are taken into consideration in making this award. Candidates must be recommended by the University. Further information and application forms may be obtained from the Dean's Office, Engineering Building. Applications must be submitted to the Dean of the Faculty of Engineering by March 15th.

BURSARIES

PROVINCE OF QUEBEC MINING BURSARIES.—Each year the Department of Mines of the Province of Quebec offers a number of bursaries to enable students to take a university course in mining engineering or metallurgical engineering. The maximum annual value of these scholarships is $650 for a student who has to live away from home in order to attend the University, and $325 for a student who can live at home. Candidates must be Canadians and have lived for at least five years in the Province of Quebec. Further information may be obtained from the Registrar's Office. These bursaries are also open to graduate students in metallurgy, mining engineering and geology.

A. F. BYERS BURSARY.—This Bursary of $300 is awarded by the University Scholarships Committee on the recommendation of the Scholarships Committee of the Faculty of Engineering to a student in Engineering who has a good academic record and has need of financial assistance. It is renewable annually until the holder graduates provided he maintains a satisfactory academic standard and continues to need financial help. Applications should be made to the office of the Dean.

For information concerning bursaries open to undergraduates in all Faculties see page 617.

MEDALS AND PRIZES

Awarded on the results of the examinations in the Final Year.

BRITISH ASSOCIATION MEDAL.—This medal is open for competition to students of the graduating class in each of the Engineering courses, and, if the examiners so recommend, will be awarded to the student taking the highest position in the final examinations. The British Association Medals were founded by the British Association for the Advancement of Science in commemoration of its meeting held in Montreal in 1884.

THE LIEUTENANT-GOVERNOR'S SILVER MEDAL.—Awarded to the student ranking highest in the Graduating Class in Architecture, provided his work is considered of sufficient merit.

THE LIEUTENANT-GOVERNOR'S BRONZE MEDAL.—Awarded to the student obtaining the second place in the Graduating Class in Architecture, provided his work is considered of sufficient merit.

THE ROYAL ARCHITECTURAL INSTITUTE OF CANADA MEDAL.—A medal is offered annually to the student who has completed the entire course at a recognized School of Architecture, who has obtained high marks throughout his course, and who gives promise of being an architect of distinction after graduation. British subjects only are eligible for this award.

TIGHE PRIZE.—A prize of $50, presented by Mr. James L. Tighe, B.A.Sc., for research work in Hydraulics.

AMERICAN SOCIETY OF METALS PRIZE.—A prize in selected metallurgical books to the value of $10 is offered by the Montreal Chapter of the American Society for Metals to the student graduating in Metallurgical Engineering who obtains the highest mark, provided he obtains honours standing in the subjects of Metallography and Thesis combined.

THE ROBERT FORSYTH PRIZE IN CIVIL ENGINEERING.—Under the will of the late Miss Jeanie Forsyth a prize of $40 is awarded each year, if the examiners so recommend, to a "worthy and needy" student of the graduating class who secures high standing in the subjects of Theory of Structures and Strength of Materials.

LOAN FUNDS

THE CLASS OF 1899 FUND.—Established by the Applied Science Class of 1899, to aid each year one or more students who, upon the completion of their third year (3M), require assistance to enable them to finish their course. Loans from this fund are repayable after graduation. Applications should be made to the Dean.

THE GEORGE HENRY FROST FUND.—Founded by the late G. H. Frost, B.Sc. 60, to aid students who, when commencing the work of the third year (3M) or a subsequent year in the Faculty of Engineering, require financial assistance. In making loans from this fund the academic standing of the applicants is considered. Applications should be made to the Dean.

THE WADDELL LOAN FUND.—Founded by the late J. B. Waddell, Esq. Loans are made under the same conditions as apply to the George Henry Frost Fund, except that the benefits are available to graduate students as well as to undergraduates. Applications should be made to the Dean.

THE CANADIAN INSTITUTE OF MINING AND METALLURGY LOAN FUND.—Founded by the Montreal Women's Auxiliary of that organization for the assistance of Engineering students in Mining, Metallurgy, Geology and allied subjects. Applications should be made to the Dean.

THE BENNETT EDUCATIONAL FUND.—Students in Engineering are eligible for loans from the Bennett Educational Fund of the Engineering Institute of Canada. Application forms may be obtained from the Office of the Dean. Loans from this fund are made normally only to students in upper years.

OTHER LOAN FUNDS (see page 622).

For awards open to Graduate Students see page 659.

F. OPEN TO STUDENTS IN THE FACULTY OF MEDICINE

For scholarships, bursaries, and loan funds open to undergraduates in all faculties see page 617.

MEDALS

THE HOLMES GOLD MEDAL, founded by the Medical Faculty in the year 1865, as a memorial of the late Andrew Holmes, M.D., LL.D., one time Dean of the Faculty of Medicine, is awarded to the student graduating with the highest aggregate number of marks in the different branches comprised in the medical curriculum.

The student who wins the Holmes Medal has the option of exchanging it for a bronze and the money equivalent of the gold medal.

THE WOOD GOLD MEDAL, founded by Casey A. Wood, M.D., LL.D., awarded to the student graduating with the highest aggregate number of marks in the clinical examinations of the Final Year. The winner of the Holmes Medal is ineligible for this medal.

THE SUTHERLAND GOLD MEDAL, founded in 1878 by the late Mrs. Sutherland, in memory of her husband, William Sutherland, M.D., formerly Professor of Chemistry in this Faculty, is awarded for the best examination in Biochemistry, together with a creditable examination in the primary branches.

THE LIEUTENANT-GOVERNOR'S SILVER MEDAL, to be awarded to the student of the final year who, in the opinion of the Chairman of the Department of Public Health and Preventive Medicine, is most proficient in that subject.

THE LIEUTENANT-GOVERNOR'S Bronze Medal, to be awarded to the student who obtains the highest standing in the final examination in Physiology.

THE WALTER CHIPMAN GOLD MEDAL, founded by the late Max Strean in honour of Dr. W. W. Chipman, to be awarded to the student obtaining the highest aggregate standing in Obstetrics and Gynæcology throughout the medical course.

PRIZES

THE JOSEPH HILS PRIZE. (Founded by the late Dr. Joseph Hils, of Woonsocket, R.I.)—A prize in books, awarded to the student who obtains the highest number of marks in the subject of Pharmacology.

THE JOSEPH MORLEY DRAKE PRIZE. (Founded by the late Joseph Morley Drake, M.D.)—A prize in books, to be awarded to the student who obtains the highest number of marks at the final examination in Pathology.

PRIMARY PRIZE.—A prize in books awarded for the best aggregate standing in the subjects of the first division (Anatomy, Histology, Physiology, Biochemistry).

THE F. SLATER JACKSON PRIZE.—A prize of $35 founded by Mr. and Mrs. H. F. Jackson in memory of their son, the late F. Slater Jackson, M.D. The prize is awarded to the student who obtains the highest standing in the final examinations, written and oral, in Histology.

THE SAMUEL ROSENFELD PRIZE.—A prize of $50 for the highest standing in Bacteriology and Immunology.

THE ALEXANDER D. STEWART PRIZE.—An annual prize in books, founded by the late W. Grant Stewart (Arts 1885, Med. 1888) in memory of his brother, the late Alexander D. Stewart (Med. 1888), to be awarded to the member of the graduating class who, in the opinion of the Faculty, presents in every respect the highest qualifications to practise his profession.

ROBERT FORSYTH PRIZE.—Under the will of the late Miss Jeanie Forsyth a prize of $35 is awarded each year to a student who, upon graduation, has shown particular ability in all branches of Surgery.

THE JOHN MUNRO ELDER PRIZE.—An annual prize of $25 founded in 1935 by Aubrey H. Elder, K.C., in memory of his father, John M. Elder, C.M.G., M.D., C.M., sometime Assistant Professor of Surgery in the Faculty. The prize is awarded to the student who obtains the highest standing in the final examinations, written and oral, in Anatomy.

CAMPBELL HOWARD PRIZE IN CLINICAL MEDICINE.—An annual prize of $50 founded by Mrs. Campbell Howard, in memory of her husband, the late Dr. Campbell P. Howard, Professor of Medicine at McGill University. The prize is awarded to the student who shows the most consistent excellence in his written case reports in the subject of Clinical Medicine.

CHESTER MACNAGHTEN PRIZES (see page 622).

THE J. M. RUTHERFORD MEMORIAL PRIZE (see page 622).

SCHOLARSHIPS

DR. MAUDE E. SEYMOUR ABBOTT SCHOLARSHIPS.—Established in 1938 by an anonymous donation of $10,000 in honour of the late Maude E. Seymour Abbott, B.A., M.D., F.R.C.P. (Canada), LL.D. (McGill), to commemorate her distinguished work in connexion with the history of Canadian medicine, the Sir William Osler Pathological Collection, and her outstanding research in congenital cardiac disease.

The revenue of this fund is used for the provision of a scholarship or scholarships to be awarded by the University to an undergraduate in the Faculty of Medicine or to an undergraduate in the Faculty of Arts and Science who is preparing to enter Medicine. While men and women are both eligible for the awards, women candidates will be given the preference. The amount of the awards will vary according to the needs of the winners.

Applications in writing must reach the Secretary of the Faculty before June 30th.

THE WALTER J. HOARE MEMORIAL SCHOLARSHIP.—This scholarship was endowed by the late Dr. Charles W. Hoare, a graduate of McGill University, in memory of his son, Walter J. Hoare, who was killed in the Great War. It is open annually to pupils of the Collegiate Institutes of the counties of Essex, Kent and Lambton entering the Faculty of Medicine. If there are no qualified candidates in this preferred class, the scholarship may be awarded to another candidate nominated by the Faculty of Medicine.

Applications in writing must reach the Secretary of the Faculty before June 30th.

THE SAMUEL ROSENFELD SCHOLARSHIP.—This scholarship of $150 will be awarded to a student entering the second year, on the basis of scholarship and need. No application is required.

THE ESTHER TALLERMAN SCHOLARSHIP of $200, the SAVORY BURSARY of $100, and other bursaries are tenable in the second, third, or fourth year, without other restriction. Applications should be made to the Secretary of the Faculty before June 30th on forms obtainable from the Registrar's Office.

LOAN FUND

KELLOGG LOAN FUND.—Loans up to a maximum of $500 in any one year may be granted to students in good standing who require such assistance from a fund given to the Faculty by the Kellogg Foundation. The regulations and the application forms are the same as for other loan funds controlled by the University. Applicants should consult Dean D. L.

Thomson, Chairman of the Scholarships Committee of the Faculty of Medicine; forms may be obtained from the Secretary of the Faculty.

For awards open to Graduates in Medicine see pages 660, 663, 671.

G. OPEN TO STUDENTS IN THE FACULTY OF DENTISTRY

For scholarships and bursaries open to undergraduates in all Faculties see page 617.

MEDALS AND PRIZES

THE MONTREAL DENTAL CLUB GOLD MEDAL AND A PRIZE IN BOOKS.—Awarded to the student in the final year who stands first in the science and practice of Dentistry. The standing is determined not only by the written and practical examinations at the end of the year, but by the general work of the student during the year.

THE COLLEGE OF DENTAL SURGEONS OF THE PROVINCE OF QUEBEC PRIZE.—A prize of twenty-five dollars awarded to the student, registered in Quebec, obtaining the highest standing in the practical examinations of the final year.

THE LIEUTENANT-GOVERNOR'S SILVER MEDAL AND A PRIZE IN BOOKS.—Awarded to the student in the final year who stands second in the class. The standing is determined in a manner similar to that followed in the awarding of the Gold Medal.

THE LIEUTENANT-GOVERNOR'S BRONZE MEDAL AND A PRIZE IN BOOKS.—Awarded to the student obtaining the highest marks in written and practical subjects in the third year examinations.

MONTREAL ENDODONTIA SOCIETY BOOK PRIZE.—Awarded to the student in the final year obtaining the highest mark in the final examination in Endodontia.

MONTREAL DENTAL CLUB PRIZES.—First, second, and third year prizes in money given by the Montreal Dental Club and awarded to the students obtaining the highest standing in the following technique subjects: first year, Dental Anatomy; second year, to be chosen each year; third year, Orthodontia Technique.

FIRST, SECOND, AND THIRD YEAR PRIZES.—Prizes in books, given by the Mount Royal Dental Society, are awarded to the students obtaining the highest standings at the sessional examinations.

CHESTER MACNAGHTEN PRIZES (see page 622).

THE J. M. RUTHERFORD MEMORIAL PRIZE (see page 622).

CANADIAN DENTAL ASSOCIATION WAR MEMORIAL SCHOLARSHIP AWARD: First Prize $125.00; Second Prize $75.00. To be awarded annually.

The contest is open to all undergraduates of the final year who have been in attendance for at least two years at Canadian Dental Schools. The essay shall consist of 4,000 words.

Correspondence relative to this scholarship should be addressed to The Secretary, Canadian Dental Association, 211 Huron St., Toronto.

LOAN FUND

KELLOGG LOAN FUND.—A sum of money has been placed at the disposal of the Faculty of Dentistry by the Kellogg Foundation to assist dental students who have real financial need and are not eligible for assistance under other bursary and loan schemes. Applicants should consult the Dean of the Faculty of Dentistry.

H. OPEN TO STUDENTS IN THE FACULTY OF LAW

For scholarships and bursaries open to undergraduates in all Faculties see page 617.

SCHOLARSHIPS AND PRIZES

THE THOMAS ALEXANDER ROWAT SCHOLARSHIP.—Founded by Mr. Donald McKenzie Rowat, N.P., in memory of his brother, Lieutenant Thomas Alexander Rowat, B.C.L., who was killed in action at Lens, France, on the 28th June, 1917. The value of the scholarship is $90. It is awarded in alternate years for proficiency in the French language and in the old French law. Candidates must be British subjects of Anglo-Saxon origin.

THE CHARLES ALBERT NUTTING PRIZE.—Founded in 1930 by Miss Adelaide Nutting, M.A., R.N., in memory of her brother, Charles Albert Nutting, K.C., B.C.L., who graduated from the Faculty in 1872. The value of the prize is $40. It is awarded to the student in the first or second year submitting the best essay on a topic related to legal history, the topic to be fixed in advance by the Faculty.

THE MONTREAL BAR ASSOCIATION PRIZE.—The Montreal Bar Association offers a prize of $50 to the student who obtains the highest standing in Civil Law, and the Junior Bar Association offers a prize of $15 to the student who obtains the best marks in Civil Procedure in the final year.

THE ALEXANDER MORRIS EXHIBITION.—This exhibition of the value of $40, founded in memory of the late Hon. Alexander Morris, M.A., D.C.L., of Toronto, will be awarded to the student who obtains the highest standing in the second year.

THE ADOLPHE MAILHIOT MEMORIAL PRIZE.—This prize established by Mr. and Mrs. J. N. Mailhiot, of Victoriaville, P.Q., in 1927, consists of a prize of law books to be given annually to a student selected by the Faculty.

THE CHIEF JUSTICE GREENSHIELDS PRIZE.—This prize in Criminal Law endowed by Mrs. Greenshields in 1943 in memory of her husband, the late Chief Justice Robert Alfred Ernest Greenshields, is awarded to the member of the graduating class in Law having the highest standing in Criminal Law throughout the college course. The value of the prize is $30.

THE "I.M.E." PRIZE IN COMMERCIAL LAW.—A prize of $15 in law books awarded annually to the member of the graduating class having the highest standing in Commercial Law throughout the course.

THE CARSWELL PRIZES.—Two prizes of $30 each in books were established in 1948 by the Carswell Company, Toronto, Ontario, and are awarded to first or second year students at the discretion of the Faculty.

CHESTER MACNAGHTEN PRIZES (see page 622).

THE J. M. RUTHERFORD MEMORIAL PRIZE (see page 622).

MEDALS

THE ELIZABETH TORRANCE GOLD MEDAL.—Founded in 1864 by Professor John Torrance in memory of his wife, is awarded to the student who obtains the highest marks in the final examination.

No medals, prizes or scholarships will be awarded if, in the opinion of the Faculty, there is no candidate of sufficient merit.

For awards open to Graduate Students see pages 663 and 668.

I. OPEN TO STUDENTS IN THE FACULTY OF MUSIC

THE SIR WILLIAM PETERSON MEMORIAL SCHOLARSHIPS.—Established in 1921 by the University and by friends, graduates and pupils of the Faculty of Music. The interest upon the original endowment of $6,055 is used to support two scholarships in Music as a memorial to the late Sir William Peterson.

For further details consult the Secretary of the Faculty.

THE SIR WILLIAM MACDONALD MEMORIAL SCHOLARSHIPS.—Established in 1922 by the University. The interest upon the original endowment of $6,000 is used to support scholarships in Music as a memorial to the late Sir William Macdonald.

For further details consult the Secretary of the Faculty.

ELLEN BALLON PIANO SCHOLARSHIP.—Founded in 1928 by a gift of $1,500 from Miss Ellen Ballon, a graduate of the Conservatorium. The principal has been increased by a further gift of $1,500 from Miss Ballon. In making this award the Faculty takes into account the need as well as the ability of candidates.

RESSLER SCHOLARSHIP.—Founded in 1950 by Mr. H. R. Ressler for violinists.

DONALDA PRIZE.—Founded by a gift of $2,500 from Madame Pauline Donalda.

CONSTANCE WILLEY PRIZE.—Founded 1947 by Mrs. Arthur Willey for the candidate obtaining highest marks in the semi-final examinations for the Licentiate Diploma in Pianoforte playing.

For further details consult the Secretary of the Faculty.

UNIVERSITY BURSARIES.—Full-time students studying for the Licentiate in Music or for the Bachelor of Music degree are eligible for University Bursaries. For details see page 608.

J. OPEN TO STUDENTS IN THE FACULTY OF DIVINITY

W. M. BIRKS SCHOLARSHIPS.—Three W. M. Birks Scholarships are tenable by students in the Faculty of Divinity who are candidates for the B.D. degree. One of $250 to be awarded to the most outstanding student entering the first year of the B.D. course, and two, valued each at $100 to be awarded to the students who take highest place in the first and second years of the course, to be paid during the following session, provided the students are then enrolled as candidates for the B.D. degree. Application for the entrance scholarship must be received by the Dean of the Faculty of Divinity accompanied by a complete transcript of the candidate's academic record and three supporting letters of recommendation on or before June 30th.

W. M. BIRKS GRADUATE FELLOWSHIP.—This Fellowship of $750 is available to a student enrolled in the Faculty of Graduate Studies and Research as a candidate for the degree of Master of Theology (S.T.M.). Minimum requirement is the degree of Bachelor of Arts and in addition, the degree of Bachelor of Divinity or its equivalent from a recognized university, college, or seminary. Applications must be received by the Dean of the Faculty of Divinity, accompanied by a complete transcript of the candidate's academic record, and three supporting letters of recommendation, on or before May 31st.

Students of the Faculty of Divinity who are registered also in the Montreal Diocesan Theological College or in the United Theological College will be eligible for prizes, scholarships, and bursaries as announced in the calendars of these institutions.

K. OPEN TO STUDENTS IN MACDONALD COLLEGE

OPEN TO STUDENTS IN AGRICULTURE

FACULTY SCHOLARSHIPS AND BURSARIES.—The Faculty of Agriculture has a fund for scholarships and bursaries for degree students. For further particulars apply to the Registrar, Macdonald College.

THE ELIZA M. JONES SCHOLARSHIPS.—Five scholarships tenable in the Faculty of Agriculture of Macdonald College are offered annually to students entering the college for the first time. Two are offered to students entering the first year and three to students entering the third year from other institutions. The value of the scholarships open to first year students is $200 in the first year, $150 in the second year, and $100 in each of the third and fourth years. The value of the scholarships offered to students entering the third year is $100 for the third year and $100 for the fourth year. These scholarships are renewable until the holders receive their first degree provided they maintain a high enough academic standing.

Application, on forms provided by the College, must be made to the Registrar, Macdonald College, Quebec, before September 15th.

I.O.D.E. SCHOLARSHIP.—A scholarship of $200 ($100 for 2 years) is offered by the Provincial Chapter of the Imperial Order Daughters of the Empire to the British student taking the highest marks in the final examinations of the second year. Applications are to be sent to the Educational Secretary, I.O.D.E., The Provincial Chapter of Quebec, Mount Royal Hotel, Montreal.

THE QUEBEC WOMEN'S INSTITUTE provides a bursary of $50 to the student entering the second year of the Diploma Course in Agriculture at Macdonald College, who—

(1) is a professional farmer's son, or daughter, from the Province of Quebec.

(2) has spent at least one season (seed time to harvest) in his father's employ on the farm,

(3) intends to return to his father's farm for at least one year on completion of his course (or to manage his own farm),

(4) and who, if more than one candidate presents himself as fulfilling the above three requirements, takes the highest proficiency in agricultural subjects in the first year or, if he is the only candidate, he obtains at least Class II standing in these subjects.

If no student can qualify for the above, this bursary will be made available as an entrance bursary to the first year of the Diploma Course.

JAMES RIST GORHAM SCHOLARSHIP.—A scholarship of $100 established by the late W. M. Gammon in memory of his friend, James Rist Gorham, B.Sc. (Agr.), killed in action March 17th, 1942. The scholarship will be granted to the student in the General Agriculture option who ranks first in the final examinations of the third year.

THE BORDEN COMPANY LIMITED SCHOLARSHIP.—A scholarship of the value of $200 is offered by the Borden Company Limited of Canada to encourage promising students who take a course of study of value to the dairy industry. The award will be made to a student on completion of his third year, half payable at the beginning of the second term. The following factors will be considered in making the award: high standing in the subjects of his course during the third year with emphasis on dairying, dairy chemistry, or dairy bacteriology; participation in student organizations and college activities; co-operation with students and staff in the advancement of the interests of the student body and the College as a whole.

S.P.C.A. SCHOLARSHIP.—The Canadian Society for the Prevention of Cruelty to Animals offers a scholarship of $200 which will be awarded to a student in the Animal Husbandry option who has high standing in all the courses of his third year work, with particular emphasis being placed on the candidate's aptitude for livestock work. The winning student will not necessarily be the one who ranks first at the end of the third year in final examinations.

Should the best qualified student be already the holder of some other scholarship or bursary, the Scholarships Committee may, at its discretion, award the scholarship to some other candidate.

KIWANIS CLUB BURSARIES.—The Kiwanis Club of Montreal offers five bursaries of $100 each for students entering the first year of the Diploma Course. Special consideration is given to members of calf clubs in their home districts, and the bursaries are restricted to students from the districts of Huntingdon, Ormstown, Howick, Cowansville, Lachute, and Arundel.

MORRIS W. WILSON MEMORIAL SCHOLARSHIPS (see page 611).

OPEN TO STUDENTS IN THE SCHOOL OF HOUSEHOLD SCIENCE

THE FREDERICA CAMPBELL MACFARLANE SCHOLARSHIP.—A scholarship has been donated by the Quebec Women's Institutes in memory of the late Frederica Campbell Macfarlane, graduate in Institution Administration, 1912, Superintendent of Quebec Women's Institutes from 1913 to 1919. This scholarship is of the value of $50, is open only to students from a rural district of the Province of Quebec, and is awarded to the student in any of the first three years of the Home Economics course who obtains the highest percentage of marks possible in the final examination.

MRS. ALFRED WATT MEMORIAL SCHOLARSHIP.—A scholarship of $50, established by contributions from the Branch Institutes of the Quebec Women's Institutes as a memorial to a distinguished Canadian, Mrs. Alfred Watt, M.B.E. The scholarship is awarded by the Director of the School of Household Science to any deserving student, residing in a rural area of the Province of Quebec, who has successfully passed the final examinations of the first, second or third year of the B.Sc.(H.Ec.) course, and who enters the next higher year.

BURSARY IN THE SCHOOL FOR TEACHERS

I.O.D.E. BURSARY.—The Municipal Chapter I.O.D.E. offers a bursary of $350, tenable in the School for Teachers, Macdonald College. The award is made by a committee of the Municipal Chapter on the basis of scholarship and need. Applications are to be sent to the Educational Secretary, I.O.D.E., The Municipal Chapter of Montreal, Mount Royal Hotel, Montreal.

CHRISTIE-STORER SCHOLARSHIP (see page 616).

THE ISABELLA C. MACRAE SCHOLARSHIP (see page 616).

LEONARD FOUNDATION SCHOLARSHIPS (see page 619).

KHAKI UNIVERSITY AND Y.M.C.A. MEMORIAL SCHOLARSHIP FUND (see page 619).

B'NAI B'RITH BURSARIES (see page 618).

FREDERICK SOUTHAM KER BURSARY (see page 619).

IV. GRADUATE FELLOWSHIPS AND SCHOLARSHIPS

For scholarships and bursaries open to students in all Faculties see page 617.

DEMONSTRATORSHIPS AND INSTRUCTORSHIPS.—In several departments graduate students are eligible for demonstratorships and instructorships. Informa- concerning these may be obtained from the Chairman of the Department concerned.

FELLOWSHIPS AND SCHOLARSHIPS.—The following list of graduate awards is divided into three sections: A, tenable during graduate study at McGill University only; B, tenable either at McGill University or elsewhere; C, a partial list of travelling fellowships and scholarships for which graduates of McGill University may be eligible. In each of these sections the awards are listed in alphabetical order of the undergraduate faculties from

which applicants may have proceeded. In Section D are collected the names of awards for which graduates of other universities who wish to pursue advanced studies at McGill may be eligible. It is to be noted that not all awards listed are open for competition each year; further, an award which is open for competition may not be awarded if none of the applications is considered meritorious.

Applications for fellowships and scholarships should be made by letter, except in the special cases where application forms are mentioned; applicants should simultaneously apply for admission to the Faculty, unless this has been previously granted.

A. FELLOWSHIPS AND SCHOLARSHIPS TENABLE AT McGILL UNIVERSITY ONLY

(*See also Section B*)

OPEN TO GRADUATES IN TWO OR MORE FACULTIES

THE ALLIED CHEMICAL AND DYE CORPORATION FELLOWSHIP IN CELLULOSE CHEMISTRY.—This fellowship of $1,200 is tenable by a graduate student in Chemistry, preferably Cellulose Chemistry, normally in the third year of the Ph.D. course. The Department of Chemistry nominates the recipient.

THE AMERICAN VISCOSE CORPORATION SYLVANIA DIVISION FELLOWSHIP IN CELLULOSE CHEMISTRY.—This fellowship of $1,000 per annum may be granted to a graduate of any recognized university who is a British or American subject and is to carry out research on esters or ethers of cellulose in the Division of Cellulose and Industrial Chemistry, located in the Pulp and Paper Research Institute. Applications should be sent to Professor C. B. Purves not later than May 1st.

THE H. L. BLACHFORD FELLOWSHIP IN ORGANIC CHEMISTRY.—A fellowship of the value of about $750 tenable by a student proceeding to his master's or doctor's degree in Organic Chemistry may be granted for the session 1951-52. Applications should be sent to the Chairman of the Department of Chemistry, not later than May 1st.

THE CANADA PACKERS FELLOWSHIPS IN BIOCHEMISTRY.—Five renewable fellowships of $1,000 annually have been given by Canada Packers Ltd. to assist graduates of any approved university to proceed to higher degrees in Biochemistry under the direction of Professor J. H. Quastel, to whom application should be made before May 1st.

THE C-I-L FELLOWSHIPS.—Two postgraduate fellowships in Chemistry, each of the value of $1,000 and tenable in the Department of Chemistry (one in the Division of Industrial and Cellulose Chemistry), were established in 1941 by Canadian Industries Limited. These fellowships are known as the C-I-L Fellowships and are open to any British subject who is a graduate of a recognized university. Normally the fellowships will be tenable for one year only, but in special cases they may be renewed for a second year. Application should be made in writing to the Chairman of the Department of Chemistry not later than May 1st.

THE J. B. COLLIP FELLOWSHIPS IN MEDICAL RESEARCH.—Up to three fellowships of $1,500-$2,500 each are awarded for study at McGill in Anatomy, Bacteriology, Biochemistry, Histology, Pathology, Pharmacology, or Physiology. Candidates must hold the M.Sc. or Ph.D. in one of these subjects, or a degree in medicine, from a recognized university. Graduates of the McGill medical faculty may be permitted to hold the fellowship at an approved institution elsewhere. Application should be made before February 1st to the Secretary of the Faculty of Medicine, from whom application forms and further particulars may be obtained.

THE COMINCO FELLOWSHIP.—The Consolidated Mining and Smelting Company of Canada, Limited, offers annually a fellowship of $1,000 for research related to metals, fertilizers, and chemicals; an additional grant up to $200 may be made for research expenses or for continuance of the investigation. The fellowship is open to graduates of any approved university, in Science, Engineering, or Agriculture, who will normally be proceeding towards a higher degree at McGill. Canadian applicants are preferred. The topic of research will be selected in consultation with the donors and with the Dean of the Faculty of Graduate Studies, to whom application should be made not later than May 1st.

COMMUNITY PLANNING FELLOWSHIPS.—Fellowships of $1,000 will probably be available for graduates of any approved university who are seeking a McGill master's degree in Geography, Architecture, Economics, Civil Engineering, Political Science, or Sociology, and who are prepared to participate in the programme of research and study in community planning that is sponsored by these departments. Applications should reach the Dean of the Graduate Faculty before May 1st.

DOMINION-PROVINCIAL LOANS AND BURSARIES.—See page 618.

THE GOTTESMAN FELLOWSHIP IN WOOD CHEMISTRY.—The D. S. and R. H. Gottesman Foundation offers annually a fellowship of $800 for research carried out in the Pulp and Paper Research Institute under the supervision of the Department of Chemistry. The candidate must be an American or British subject and a graduate of a recognized university; he will

normally be expected to register at McGill as a candidate for a higher degree. The award is made on the recommendation of the Joint Administrative Committee of the Institute and of the Department of Chemistry. Applications should be sent to Professor C. B. Purves not later than May 1st.

THE HAROLD HIBBERT MEMORIAL FELLOWSHIP.—This fellowship, the value of which is approximately $3,000, is open to candidates who hold a Ph.D. in Chemistry from an approved university or have equivalent qualifications, and is tenable for one calendar year in the Department of Chemistry at McGill University, where the holder is expected to devote his full time to research. It is not renewable. Letters of application should reach the Dean of the Graduate Faculty by May 1st.

THE T. STERRY HUNT RESEARCH SCHOLARSHIP IN CHEMISTRY.—This scholarship of the value of $600 is open to graduates in Chemistry and Chemical Engineering who have completed the course for the degree of M.Sc., M.Eng. or Ph.D. and have shown high capacity for research. The holder is to assist in the Department as a demonstrator. No application is required.

THE INCO FELLOWSHIPS.—Three fellowships of $500 each were established in 1941 by the International Nickel Company of Canada. They are tenable by students working for the master's degree in Inorganic or Physical Chemistry, Chemical Engineering, Mining, Metallurgy, or Geology. One of the three awards is tenable at McGill University. Letters of application should reach the Dean of the Graduate Faculty by May 1st.

THE FRANK J. SENSENBRENNER FELLOWSHIP IN INDUSTRIAL AND CELLULOSE CHEMISTRY.—This Fellowship of $1,000, sponsored by the Spruce Falls Power and Paper Corporation, Limited, is open to Canadian graduates of any approved University who wish to proceed to a higher degree in Chemistry. Applications should reach the Dean of the Graduate Faculty before May 1st.

THE LEROY MEMORIAL FELLOWSHIP IN GEOLOGY.—This fellowship of $600, established by some friends of Captain O. E. LeRoy (Arts, 1895), who was killed in the battle of Passchendaele, in October, 1917, is awarded annually to a student who desires to proceed with postgraduate studies in Geology at McGill University. The recipient may be called upon to assist in the teaching work of the Department. The award is made by the Chairman of the Department of Geological Sciences in consultation with the Principal.

THE LOGAN BURSARIES IN GEOLOGY.—See page 631.

THE ALEXANDER MCFEE FELLOWSHIP.—This fellowship of $1,000 is open to graduates of any approved university who are resident full-time candidates for higher degrees or diplomas at McGill. The award will be made

in 1951 in Chemistry, in 1952 in Medical Sciences (with preference for Cancer research), in 1953 in Physics, and so on in rotation. Applications should reach the Dean of the Graduate Faculty before May 1st.

THE NUODEX FELLOWSHIP IN ORGANIC CHEMISTRY.—This fellowship of $800 may be granted to a graduate of any recognized university who desires to carry out fundamental research of interest to the Canadian Paint and Varnish Industry in the Organic Division of the Department of Chemistry and is a candidate for a higher degree. Applications should be sent to the Chairman of the Department of Chemistry not later than May 1st.

PROVINCE OF QUEBEC SCIENTIFIC RESEARCH BUREAU FELLOWSHIPS.—The Bureau grants fellowships, normally of $750 annually, to graduate students who have bona-fide domicile in the Province and are pursuing researches, in any branch of science, which may lead to contributions to the welfare of the Province and the development of its industries. For further particulars consult the Dean of the Faculty of Graduate Studies and Research, before May 1st.

THE SHAWINIGAN FELLOWSHIP IN CELLULOSE CHEMISTRY.—Shawinigan Chemicals Limited offers a fellowship of $1,000 for research carried out in the Pulp and Paper Research Institute under the supervision of the Department of Chemistry. The candidate must be a graduate of a recognized university. He will normally be expected to register at McGill as a candidate for a higher degree and to carry out research in the field of unsaturated esters of cellulose. The award is made on the recommendation of the Joint Administrative Committee of the Institute and of the Department of Chemistry. Applications should be sent to Professor C. B. Purves not later than May 1st.

THE SHELL OIL FELLOWSHIP.—This fellowship of $750, plus a grant up to $250 for research expenses, is offered to a graduate of any approved university proceeding towards a Master's degree or Ph.D. at McGill in one of the following fields: Chemistry, Chemical Engineering, Mechanical Engineering, Geology, Physics, Geophysics. Application should be made to the Dean of the Graduate Faculty not later than May 1st.

THE SOLVAY FELLOWSHIP.—This fellowship of the annual value of $1,000 is offered for the first year of study in the Faculty of Graduate Studies and Research. The award is tenable in any Department of the Faculty, and is open to men and women equally. The holder must have graduated in an undergraduate Faculty of McGill University in the session prior to that for which the award is given, and must obtain permission to proceed to graduate study. No teaching duties are required of the holder, who may not hold any other fellowship or bursary, nor receive a salary

for teaching or other duties, during his tenure. Applications for this fellowship must be made to the office of the Dean of the Graduate Faculty on or before May 1st in each year.

OPEN TO GRADUATES IN AGRICULTURE ONLY

THE WALTER M. STEWART SCHOLARSHIPS IN AGRICULTURE.—Two scholarships of $500 each are offered to postgraduate students at Macdonald College. One may be held by a postgraduate student whose undergraduate work was taken at the Institut Agricole d'Oka, one by a student from the Collège de Sainte Anne de la Pocatière. Application for these scholarships must be made to the Directors of the two colleges concerned.

THE COMINCO FELLOWSHIP.—See page 655.

OPEN TO GRADUATES IN ARTS AND SCIENCE ONLY

THE BRONFMAN FELLOWSHIPS IN COMMERCE AND ECONOMICS.—The Graduate Faculty offers two fellowships of $1,200 each to men and women who have graduated in Commerce or in Economics from accredited universities since January 1st, 1940. The holder of the fellowship is entitled to apply again in a subsequent year. Holders will be expected to be in residence at McGill University throughout the academic session, and to be candidates for a higher degree at McGill. A small amount of teaching work may be asked. Application forms can be obtained from the Dean of the Graduate Faculty. The completed forms should be returned to the Dean of the Graduate Faculty on or before May 1st.

THE PHILLIP CARPENTER FELLOWSHIP IN ZOOLOGY of about $700, founded in 1892 by Mrs. Philip P. Carpenter for "a post-graduate teaching fellowship or scholarship in Natural Science or some branch thereof in the Faculty of Arts of McGill College." Application may be made to Professor John Stanley before May 1st.

THE MARY KEENAN SCHOLARSHIP IN ENGLISH.—This scholarship of $200 is awarded by the Department of English to a student who is proceeding at McGill University from the B.A. to the M.A. in English and who may receive the most benefit from the award. The need of the student as well as his ability will be taken into consideration. No application is required.

THE ALEXANDER MACKENZIE FELLOWSHIP IN POLITICAL SCIENCE.—This fellowship of the annual value of $600 is tenable by a graduate of any accredited university. Such tenure is conditional upon the acceptance by the Department of Economics and Political Science of the applicant as being entitled to admission to the Faculty of Graduate Studies and Research in the field of Political Science. A certain amount of tutorial

and teaching work will be required of the holder of the fellowship. Under certain conditions, which may be ascertained in consultation with the Department of Economics and Political Science, this fellowship may be held for a second or third year. Each candidate should send (i) a letter of application, (ii) a certified copy of his academic record, (iii) not more than three testimonials. These should reach the Dean of the Graduate Faculty before the 1st of May. There are no application forms.

THE ARTHUR C. TAGGE FELLOWSHIP IN THE HUMANITIES AND SOCIAL SCIENCES.—This fellowship of the annual value of $1,000 is tenable by a graduate of any approved university proceeding to a higher degree in any Department of the Humanities or the Social Sciences. It will normally be awarded for the first year of graduate study and not be renewable, but exceptions to these rules are not excluded. Applications are invited from outstanding students in the last year of the undergraduate course, at McGill or elsewhere, and should reach the Dean of the Graduate Faculty not later than May 1st.

UNIVERSITY FELLOWSHIPS.—The Board of Governors in 1948 set aside $4,000 annually to establish fellowships in the humanities and social sciences, tenable at McGill by graduates of any approved University who have been admitted to candidacy for a higher degree in these fields. The value of each is $800, or $400 for those who can live at home in Montreal. Application should be made to the Dean of the Graduate Faculty, by letter, prior to May 1st, and should be accompanied or preceded by an application for admission to the Faculty.

OPEN TO GRADUATES IN ENGINEERING ONLY

THE SIR WILLIAM DAWSON FELLOWSHIP IN MINING.—A research and teaching fellowship of $600 annually, in the Department of Metallurgical Engineering, endowed in memory of the late Sir William Dawson, Principal of McGill University from 1855 to 1893. If, in any particular year, the Department of Metallurgy has no candidate for this fellowship and for that same year the Department of Mining has a suitable candidate for whom no fellowship is available the Sir William DawsonFellowship shall become available to the Department of Mining.

THE JAMES DOUGLAS FELLOWSHIP IN MINING.—A research and teaching fellowship of $550 annually, in the Department of Mining Engineering, endowed by the late Dr. James Douglas, and restricted to McGill graduates.

THE B. J. HARRINGTON BURSARY IN MINING ENGINEERING.—This bursary of approximately $150 a year, supported by graduates in Mining Engineering in memory of the late Professor B. J. Harrington, is awarded annually if a suitable candidate offers, and is restricted to McGill graduates.

THE JOHN BONSALL PORTER SCHOLARSHIP.—This scholarship of $200 founded by Dr. W. W. Colpitts (B.Sc., 1899), is open to graduate students proceeding to the degree of M.Eng. in Civil, Mechanical, or Electrical Engineering, preference being given to students in Civil Engineering. Applications should be in the hands of the Dean of the Faculty of Engineering not later than July 30th. In the case of graduates of other universities these must be accompanied by certified statements of academic standing and letters of recommendation.

PROVINCE OF QUEBEC MINING BURSARIES (see page 642).

THE WADDELL LOAN FUND.—Loans from this fund, which was founded by J. B. Waddell, Esq., may be made to graduate as well as undergraduate students in any Department of Engineering. Application should be made to the Dean of the Faculty of Engineering.

OPEN TO GRADUATES IN MEDICINE ONLY

THE A. A. BROWNE MEMORIAL FUND.—The sum of $10,000 has been received by the Faculty of Medicine from the committee of the A. A. Browne Memorial Fund. This fund is used either for a fellowship to be known as the "A. A. Browne Memorial Fellowship", or for a grant to a department to provide technical assistance, equipment, and supplies for medical research. The fellowship is open to graduates of any recognized medical school and is for the advancement of medical science, special preference being given to the subjects of Obstetrics and Gynæcology. For further information apply to the Secretary of the Faculty of Medicine.

THE JAMES COOPER ENDOWMENT "FOR THE STUDY AND TEACHING OF INTERNAL MEDICINE" was established by a bequest from the late James Cooper. The income from this fund will be used for fellowships or for grants to departments to provide technical assistance, equipment and supplies for medical research.

THE JAMES DOUGLAS FELLOWSHIP IN PATHOLOGY.—The sum of $25,000 was donated by the late Dr. James Douglas, the proceeds to be devoted to co-ordinated research in the laboratories of pathology in or associated with the University.

THE BLANCHE HUTCHINSON RESEARCH FUND was established by a bequest from the late Mrs. Frank L. Hutchinson. The income from this fund will be used for fellowships or for grants to departments to provide technical assistance, equipment, and supplies for medical research.

THE H. W. MOLSON FELLOWSHIP IN CANCER RESEARCH.—This fellowship has an annual value of not less than $1,000, is renewable for not more than four years, and is open to graduates of any recognized medical school.

The course of training and research will be decided by the Strathcona Professor of Pathology and the Professor of Obstetrics and Gynæcology, and will ordinarily comprise one or more years of study in the Pathological Institute followed by clinical research in the Royal Victoria Hospital. Applications should be made to the Dean of the Faculty of Medicine.

FELLOWSHIPS IN NEUROLOGY, NEUROPATHOLOGY, AND NEUROSURGERY.—A limited number of fellowships may be available in the Montreal Neurological Institute, to which enquiries should be directed.

THE JEANNETTE VICTOR MEMORIAL SCHOLARSHIP.—This scholarship, of the value of $250, is open to graduates of any approved medical school who are registered in the Graduate Faculty of McGill University and who are principally engaged in research upon the physiology of the heart, or its diseases; tenure of this award does not disqualify the scholar from holding another award or position. Application should be made by letter to the Dean of the Graduate Faculty, prior to May 1st.

B. FELLOWSHIPS AND SCHOLARSHIPS TENABLE AT McGILL UNIVERSITY OR ELSEWHERE

OPEN TO GRADUATES IN TWO OR MORE FACULTIES

THE RUSSELL J. EDDY FOUNDATION SCHOLARSHIP.—This award, of $1,000 for the session, is tenable by a graduate of a Canadian university pursuing graduate work in Chemistry or Chemical Engineering at any approved institution; applications should be submitted to the Chemical Institute of Canada, 18 Rideau Street, Ottawa, before March 1st.

IMPERIAL OIL GRADUATE RESEARCH FELLOWSHIPS.—Four fellowships of $1,250, renewable up to three years, are offered annually by Imperial Oil Limited to graduates of approved Canadian universities, and are offered for research leading towards a Doctor's degree at any approved university in petroleum engineering, petroleum geology, chemistry or chemical engineering, mechanical engineering, or economics or industrial relations or business administration. Applications are forwarded by the University at which the undergraduate course was followed, and inquiries should be made at the Graduate Faculty office not later than May 1st.

THE McGILL DELTA UPSILON MEMORIAL SCHOLARSHIP.—Founded by the McGill Chapter of the Delta Upsilon Fraternity in memory of the members of that Chapter who gave their lives in the Great War of 1914-18. This scholarship is open to graduates of the University in all faculties. The Selection Committee will consider: (a) the general scholarship of the candidate; (b) his need of financial assistance for further study; (c) the general usefulness to the community of the special branch of study he proposes to follow; (d) the likelihood that the candidate will reflect credit

on the University. The present value of the scholarship is about $1,000. Application should be made in writing to the Registrar before April 1st.

NATIONAL RESEARCH COUNCIL SCHOLARSHIPS.—Bursaries, studentships, and fellowships, of the value of $450, $750, and $900 respectively, will probably be awarded in 1952 by the National Research Council to highly qualified Canadian graduates in Science, including Engineering and Agriculture, pursuing graduate studies in Canada. They are open on equal terms to men and women whose age should not exceed 30. Further particulars and application forms may be obtained from the Registrar's Office and applications should be made before February 1st.

OPEN TO GRADUATES IN AGRICULTURE

MACDONALD COLLEGE ALUMNI ASSOCIATION GRADUATE SCHOLARSHIP.—In memory of graduates and undergraduates of the Faculty of Agriculture who died in service during the War of 1914-1918; created, in connection with the Centennial Campaign, 1920, through subscriptions of graduates, undergraduates, members of the staff and other friends; of a present value of $200 and available to any graduate in Agriculture of Macdonald College (McGill University) for graduate work in Agriculture at any college or university of recognized standing. The holder is chosen by a committee appointed by the executive of the Macdonald College Alumni Association, and applications should be addressed to Dr. F. S. Thatcher, General Secretary, Alumni Association, Macdonald College, P.Q.

OPEN TO GRADUATES IN ARTS AND SCIENCE ONLY

THE GUY DRUMMOND SCHOLARSHIP IN POLITICAL SCIENCE AND ECONOMICS.—This scholarship, open to men only, originally endowed by the late Guy M. Drummond, is awarded annually by the University Scholarships Committee to a graduating student in the Faculty of Arts and Science nominated jointly by the Department of Economics and Political Science and the Department of Romance Languages. In making the nomination the two Departments will take into account the student's academic record and the likelihood that he will make a contribution of value to Canadian life. The student nominated must be taking the honours course in Political Science. Selection of the scholar is made on the initiative of the University Scholarships Committee. It is not applied for by the candidate. The value of the Scholarship is $2,600. $2,000 of this covers a year of study in Paris and the remaining $600 a further year at McGill University studying for the M.A. degree. In Paris, the holder will study at the Institut d'Etudes Politiques unless he wishes to specialize in

Economics rather than Political Science and has been granted permission by McGill University to study at the Sorbonne or at the Institut d'Economie Appliquée.

THE ALLEN OLIVER FELLOWSHIP IN ECONOMICS.—This fellowship has been established by Mrs. Frank Oliver, of Edmonton, Alta., in "proud and loving memory of her son, the late Allen Oliver, M.C., B.A., Lieutenant, 26th Battery, C.F.A., who was killed in action at the Somme on November 18th, 1916." Lieutenant Oliver was an honour graduate in 1915 in the Department of Economics and Political Science. The fellowship is awarded annually to the student who stands highest in first class honours in the Department of Economics and Political Science at the final B.A. examination, and the holder is required to pursue his studies in Economics and Political Science at McGill University or elsewhere. The present value of the scholarship is about $750. No application is required.

OPEN TO GRADUATES IN LAW ONLY

THE EDWIN BOTSFORD BUSTEED SCHOLARSHIP.—Founded by the will of the late Mrs. Edwin Botsford Busteed and awarded to an applicant, chosen by the Faculty, who desires to carry out graduate research on some subject connected with the law of Quebec and approved by the Faculty. The value of the scholarship is the income from a capital sum of $6,000, or approximately $240.

OPEN TO GRADUATES IN MEDICINE ONLY

THE J. H. B. ALLAN FELLOWSHIP.—This fellowship, of the value of $300 annually, may be awarded to a graduate of the Faculty of not more than five years' standing, to assist him or her to devote one academic year to research. The research may be in any branch of medicine or medical science, and may be carried out in any approved laboratory, museum, or hospital, whether connected with McGill University or not; but research must be the holder's principal occupation during tenure of the fellowship, which is not normally renewable. The award shall be made by the Faculty on the recommendation of its Scholarships Committee, which shall take into account the candidate's academic and professional qualifications and the programme of work which the candidate proposes to pursue. Tenure of this award shall not debar the holder from receiving a salary or an award from any other fund, but the nature and amount of any such award or salary must be disclosed in the application. The applicant's programme of work must be approved in advance by the laboratory or institution in which the research is to be carried on. Applications should be made to the Dean of the Faculty of Medicine on or before July 1st in each year; no award will be made if the applications received are not thought to reach the standard required.

THE G. RUTHERFURD CAVERHILL FELLOWSHIP IN MEDICINE.—A fellowship of variable value to assist demobilized medical officers to obtain post-graduate training in medicine or research experience. Preference will be given to graduates of McGill University. Enquiries should be made of the Dean of the Faculty of Medicine.

THE JOHN MCCRAE FELLOWSHIP.—This fellowship of $1,000 may be awarded to candidates of the following types: (1) Graduates of any approved medical school who are candidates for the Diploma in Surgery, Urology, Otolaryngology, Radiology, etc., or (2) McGill graduates in medicine, or (3) graduates of any approved medical school proceeding towards a McGill M.Sc. or Ph.D. in fields related to Surgery, etc., it being understood in all cases that the holder is expected to spend twelve months in full-time laboratory or clinical research at McGill or an approved institution elsewhere. Applications should be made to the Dean of the Faculty of Medicine not later than May 1st, and should be accompanied by a letter of recommendation from a member of the teaching staff, a transcript of the undergraduate record, and a description of the proposed research indicating the institution selected and the person responsible for its direction. The period of tenure should commence not earlier than June nor later than October; a final report on the work done is required. In all cases preference will be given to candidates aiming at a course in Surgery, and to researches likely to contribute to Surgery and its branches.

THE OSLER MEMORIAL SCHOLARSHIP.—This scholarship is normally awarded by the Canadian Medical Association every third year to a candidate nominated by the Faculty of Medicine "in order that such candidate may pursue studies to advance the knowledge of medicine and to improve the teaching of clinical medicine." Candidates must be graduates of not more than ten years' standing and, other things being equal, preference will be given to a graduate of McGill University.

THE J. FRANCIS WILLIAMS SCHOLARSHIP IN MEDICINE AND CLINICAL MEDICINE.—This scholarship of the annual value of $500, founded by the late J. Francis Williams, M.D., to be awarded on the result of a special examination open to students of the final year who have had a high general scholastic standing and who are approved by the Chairman of the Department of Medicine.

C. FELLOWSHIPS AND SCHOLARSHIPS TENABLE AT OTHER UNIVERSITIES ONLY

(*See also Section B*)

OPEN TO GRADUATES IN SEVERAL FACULTIES

COLONIAL RESEARCH FELLOWSHIPS.—The British Government offers two-year fellowships of £400-£750 per annum to graduates in the natural and

social sciences who are British subjects, under 35, and competent to prosecute research on subjects relevant to the development of the British Colonial Empire, ordinarily at a centre of higher education in one of the colonies. Further particulars may be obtained from the Dean of the Graduate Faculty.

SCIENCE SCHOLARSHIPS GRANTED BY HER MAJESTY'S COMMISSIONERS FOR THE EXHIBITION OF 1851.—These scholarships, of £350 sterling a year, with an additional grant of £50 a year to cover University fees, etc., are tenable for two, or in rare instances three, years. They are to enable students to devote themselves to research work under conditions most likely to equip them for practical service in the scientific life of the Commonwealth. The holder is required to devote himself to research, the particular nature of which must be approved by the Commissioners. Three of these scholarships, which are tenable at any institution approved by the Commission, are allotted to Canada each year, the scholars being chosen by the Commission from the nominees of certain universities, among which McGill is included. Candidates will in most cases have completed from one to three years of postgraduate study; the scholarships are usually held at universities in the United Kingdom. Candidates should apply, not later than January 15th, through the Chairman of their Department. Details concerning the regulations may be obtained from the Registrar's Office.

EXCHANGE FELLOWSHIP WITH THE UNIVERSITY OF GLASGOW.—An exchange fellowship has been established whereby a McGill graduate may spend a session of postgraduate work in the University of Glasgow. McGill University provides $400 towards the cost of transportation; Glasgow provides tuition, room and board from October 1st to June 30th with an additional allowance of £50. Recommended fields of study are Chemistry, Physics, Zoology, Marine Biology, Botany, Geology, Economics, and the medical sciences. Application in writing should be made to the Dean of the Graduate Faculty by May 1st.

POSTGRADUATE SCHOLARSHIPS GRANTED BY THE IMPERIAL ORDER DAUGHTERS OF THE EMPIRE.—Nine scholarships are offered annually—one for each province. They are of the value of $2,000 and have been founded "to enable students to carry on studies at any university in the United Kingdom, in British and Imperial History, the Economics and Government of the Empire and Dominion, or any subject vital to the interests of the Empire." Full details may be obtained from the Registrar's Office or from the Provincial Educational Secretary of the Order in any Canadian Province. In Quebec the address is Room 1111, Mount Royal Hotel Montreal. Applications should be submitted by October 15th.

NUFFIELD FOUNDATION FELLOWSHIPS.—These awards are made in the Natural Sciences and in the Humanities and Social Sciences, and are open to

Canadians 25 and 35 years old who have at least a year's teaching or research experience beyond the level of the Ph.D. degree. They are tenable in the United Kingdom, their value being £600-£800. Application forms may be obtained from Mr. G. V. Ferguson, 245 St. James St. West, Montreal, and should be submitted by January 15th at latest.

ONTARIO RESEARCH COMMISSION SCHOLARSHIPS.—The Commission (43 Queen's Park, Toronto), offers scholarships of $500, $900, and $1,200 to enable British students resident in Canada to pursue research in pure or applied science at any university in Ontario. Applications are due on March 1st.

PROVINCE OF QUEBEC POSTGRADUATE SCHOLARSHIPS.—A number of scholarships are granted annually by the Government of the Province to graduates who wish to complete their studies outside Canada. These scholarships are each of the value of $1,200 per annum. They are awarded in the first instance for one year, but their tenure may be extended to three years if the work of the holder is satisfactory. Candidates must be bona-fide residents of the Province of Quebec and preference is given to those who intend to carry on teaching or research work in Canadian universities or schools on their return to Canada. Each letter of application should state the candidate's age next birthday, his subject of study, and the institution he plans to attend, and should be accompanied by two testimonials from members of his faculty and two additional references from responsible citizens. The awards are generally announced by the Provincial Government at the end of July each year. Applications should be addressed to the Registrar and submitted not later than the 1st of April.

THE RHODES SCHOLARSHIPS.—These scholarships of £400 a year with a special allowance of £100 a year are tenable for two years at the University of Oxford. A third year may be granted under certain conditions. Candidates must be British subjects with at least five years domicile in Canada and be between the ages of nineteen and twenty-five. Two scholars are chosen annually from the Province of Quebec, and men students in any faculty may apply. Applications must be in the hands of the Secretary of the Provincial Selection Committee not later than November 10th. Further details of tenure, eligibility and qualifications, and application forms may be obtained from the Registrar's Office, or the Provincial Secretary, Mr. J. S. Hodgson, 227 Lockhart Ave., Town of Mount Royal, Que.

ROYAL SOCIETY OF CANADA FELLOWSHIPS.—Research Fellowships of the maximum value of $2,500 each are awarded annually by the Royal Society of Canada to Canadians who have done advanced work in any branch of Science or Literature. They are normally tenable outside Canada only. These awards are open to men and women on equal terms, whose age should not exceed 32, and candidates except in very special cases should have obtained the degree of Doctor of Philosophy or its equivalent.

Pre-doctoral scholarships of $1,500 each in the Humanities are also available. Copies of regulations and applications forms may be obtained from the Secretary, Fellowships Board, Royal Society of Canada, The Public Archives, Ottawa. Applications must be submitted before February 1st.

SWISS EXCHANGE SCHOLARSHIPS.—Two postgraduate exchange scholarships are offered annually tenable at the following Swiss universities:

University of Basel
University of Berne
University of Geneva
University of Zurich
Institute of Economic and Political Sciences, St. Gall
Federal Institute of Technology, Zurich.

These scholarships cover the cost of tuition fees only. Candidates must be prepared to pay all travelling costs and all incidental expenses such as books, living expenses, cost of vacation periods, etc. Candidates must be recommended by McGill University and have a good scholastic record, a satisfactory knowledge of French or German, and good health. The scholarships are open to both men and women of any faculty. Applications should be made to the Registrar by April 1st.

UNIVERSITY WOMEN'S FEDERATION TRAVELLING SCHOLARSHIP.—The scholarship of the Canadian Federation of University Women, of the value of $1,500, available for study and research work, is open to any woman holding a degree from a Canadian university, who is not more than thirty-five years of age at the time of the award. In general, preference is given to those candidates who have completed at least one or two years of graduate study and have a definite course of study or research in view. The award is based on evidence of character and ability of the candidate and promise of success in the subject to which she is devoting herself. The choice of the university at which the successful candidate is to pursue her study or research work is left to the Committee of Selection in consultation with the candidate. Full information can be obtained from the Convener of the Scholarship Committee, Professor Doris B. Saunders, The English Department, University of Manitoba, Winnipeg, Manitoba. Applications and testimonials must be received before February 1st.

UNIVERSITY WOMEN'S FEDERATION JUNIOR SCHOLARSHIP.—This scholarship of the value of $1,000 is open to any woman graduate of a Canadian university who is not more than twenty-five years of age on February 1st, 1951. The award will be based on evidence of character, intellectual achievement and promise. The place of study must be approved by the Scholarship Committee. Preference will be given to students who have studied in only one university and who desire to continue their studies in another.

Full information can be obtained from the Convener of the Scholarship Committee, Professor Doris B. Saunders, The English Department University of Manitoba, Winnipeg, Manitoba. Applications and testimonials must be received before February 1st.

OPEN TO GRADUATES IN ARCHITECTURE

THE HUGH MCLENNAN MEMORIAL SCHOLARSHIP.—Established by the Hon. John Stewart McLennan and Dr. Francis and Miss Isabella McLennan in memory of Hugh McLennan, son of the Hon. John Stewart McLennan, killed at the Battle of Ypres in 1915. The amount of this scholarship is $1,000. It will be awarded to the student graduating in Architecture who during his course has shown the greatest capacity in the solution of problems and who gives promise of creative ability.

OPEN TO GRADUATES IN ARTS AND SCIENCE

THE MOYSE TRAVELLING SCHOLARSHIPS.—Two scholarships of the value of $1,500 each, tenable for one year, are offered to graduates of the Faculty of Arts and Science of McGill University and were founded by the late Right Honourable Lord Atholstan, to commemorate the "splendid services of Dr. Charles E. Moyse, for forty-two years Professor of English, during sixteen of which he was Dean of the Faculty of Arts and Vice-Principal of the University." These scholarships are awarded by the Faculty of Arts and Science, one for distinction in literary subjects, and the other for distinction in scientific subjects. If a deserving applicant in one of these divisions is not forthcoming, both scholarships may be awarded to applicants who belong to the other. The holder must devote the period of the tenure of the scholarship to advanced study, preferably in a British or European university, but not to the exclusion of other universities. Applications should be made to the Dean of the Faculty of Arts and Science not later than April 1st.

OPEN TO GRADUATES IN LAW

THE MACDONALD TRAVELLING SCHOLARSHIP.—This scholarship was founded by the will of the late Sir William Macdonald "for the purpose of enabling English-speaking Law students to take a course of studies in France," the testator "deeming it of great importance that the English-speaking members of the legal profession should be proficient in the French language." The value of the scholarship is approximately $1,200. The scholar elected is required to pursue a year's study in the Law Faculty of a French university approved in each case by the McGill Faculty of Law. The award is made at the discretion of the Faculty to a student of the graduating class, proceeding to the Bar, who has obtained first or second class honours in the final examination and who would be unable without

such financial help to spend a year in France. The Faculty interprets the will of the late Sir William Macdonald as intending that the scholarship be awarded only to men students preparing for practice as advocates in the Province of Quebec.

FELLOWSHIPS OFFERED BY OTHER UNIVERSITIES

Graduates of McGill University who desire to undertake graduate study elsewhere should note that many universities offer fellowships and scholarships for which they may be eligible. Particulars of many of these may be obtained in the Registrar's Office. In many cases applications should be prepared not later than the January preceding the session for which the award is made.

D. FELLOWSHIPS AND SCHOLARSHIPS OPEN TO GRADUATES OF OTHER INSTITUTIONS FOR STUDY AT McGILL UNIVERSITY

A number of the awards listed in the preceding pages (Sections A and B) may be held by graduates of other institutions while pursuing graduate study at McGill University; these are listed below.

VARIOUS SUBJECTS

IMPERIAL OIL GRADUATE RESEARCH FELLOWSHIPS (see page 661).

NATIONAL RESEARCH COUNCIL SCHOLARSHIPS (see page 662).

THE SOLVAY FELLOWSHIP (see page 657).

THE ARTHUR C. TAGGE FELLOWSHIP (see page 659).

UNIVERSITY WOMEN'S FEDERATION SCHOLARSHIPS (see page 667).

AGRICULTURE

THE COMINCO FELLOWSHIP (see page 655).

THE WALTER M. STEWART SCHOLARSHIP (see page 658).

BIOLOGICAL SCIENCES

CANADA PACKERS FELLOWSHIPS (see page 654).

THE PHILIP CARPENTER FELLOWSHIP (see page 658).

CHEMISTRY

THE ALLIED CHEMICAL AND DYE CORPORATION FELLOWSHIP (see page 654).

THE AMERICAN VISCOSE CORPORATION FELLOWSHIP (see page 654).

THE H. L. BLACHFORD FELLOWSHIP (see page 654).

THE C-I-L FELLOWSHIPS (see page 655).

THE COMINCO FELLOWSHIP (see page 655).

THE RUSSELL J. EDDY FOUNDATION SCHOLARSHIP (see page 661).

THE GOTTESMAN FELLOWSHIP (see page 655).

THE T. STERRY HUNT RESEARCH SCHOLARSHIP (see page 656).

THE INCO FELLOWSHIP (see page 656).

THE NUODEX FELLOWSHIP (see page 657).

THE FRANK J. SENSENBRENNER FELLOWSHIP (see page 656).

THE SHAWINIGAN FELLOWSHIP (see page 657).

THE SHELL OIL FELLOWSHIP (see page 657).

ECONOMICS

THE BRONFMAN FELLOWSHIPS (see page 658).

THE ALEXANDER MACKENZIE FELLOWSHIP (see page 658).

ENGINEERING

THE COMINCO FELLOWSHIP (see page 655).

THE INCO FELLOWSHIP (see page 656).

THE JOHN BONSALL PORTER SCHOLARSHIP (see page 660).

THE FRANK J. SENSENBRENNER FELLOWSHIP (see page 656).

THE SHELL OIL FELLOWSHIP (see page 657).

GEOLOGY

THE INCO FELLOWSHIP (see page 656).

THE LEROY MEMORIAL FELLOWSHIP (see page 656).

THE SHELL OIL FELLOWSHIP (see page 657).

MEDICINE AND MEDICAL SCIENCES

THE A. A. BROWNE MEMORIAL FUND (see page 660).

THE G. RUTHERFURD CAVERHILL FELLOWSHIP (see page 664).

THE J. B. COLLIP FELLOWSHIP (see page 655).

THE JAMES COOPER FUND (see page 660).

THE JAMES DOUGLAS FELLOWSHIP (see page 660).

THE BLANCHE HUTCHINSON FUND (see page 660).

THE JOHN MCCRAE FELLOWSHIP (see page 664).

THE H. W. MOLSON FELLOWSHIP (see page 660).

FELLOWSHIPS IN NEUROLOGY (see page 661).

THE OSLER MEMORIAL SCHOLARSHIP (see page 664).

THE JEANNETTE VICTOR MEMORIAL SCHOLARSHIP (see page 661).

PHYSICS

THE SHELL OIL FELLOWSHIP (see page 657).

The attention of applicants for admission to the Faculty of Graduate Studies is also drawn to the existence of demonstratorships and instructorships in certain departments (see page 653).

(N.B.—From time to time scholarships, fellowships, or research grants are made available by industrial corporations to encourage research by graduate students upon specific problems, suitable for M.Sc., M.Eng., or Ph.D. theses and for publication, but also of commercial significance. As such awards may be offered for only one or two sessions, it is not possible to have them listed in this Announcement; the Departments concerned should be consulted.)

V. SCHOLARSHIPS, PRIZES AND MEDALS IN THE VARIOUS SCHOOLS OF THE UNIVERSITY

OPEN TO STUDENTS IN THE LIBRARY SCHOOL

THE ETHELWYN M. CROSSLEY SCHOLARSHIP FUND, founded in honour of a former student of the Library School. Women students are given preference.

THE ELIZABETH G. HALL SCHOLARSHIP FUND, founded in memory of a former member of the McGill University Library staff.

Awards from both these funds are made, after due investigation and recommendation, to deserving students who require financial assistance to take the course. Application should be made to the Director of the Library School.

OPEN TO STUDENTS IN THE SCHOOL OF PHYSICAL EDUCATION

For scholarships and bursaries open to undergraduates in all Faculties see page 617.

SCHOLARSHIPS

THE A. S. LAMB SCHOLARSHIPS.—These scholarships, endowed by friends of Dr. Arthur S. Lamb, formerly Director of the School of Physical Education and of the University Department of Athletics, Physical Education, and Recreation, as a tribute to his work in these fields, will be offered for the first time in 1951. There are two scholarships of $75 each, tenable, one by a man and one by a woman, in the final year of the School of Physical Education. They are awarded by a small committee who will take into account both the academic record and the personal qualities of the students eligible. No applications for these scholarships are necessary.

PRIZES AND MEDALS

GOLD MEDAL.—The School offers a gold medal to the student who attains the highest general proficiency throughout the course.

LIEUTENANT-GOVERNOR'S SILVER MEDAL.—This medal is awarded to the junior student who attains the highest general proficiency in the sessional examinations.

(N.B.—The above conditions may be amended and prizes may be withheld at the discretion of the Committee.)

OPEN TO STUDENTS IN THE FRENCH SUMMER SCHOOL

FRENCH SUMMER SCHOOL SCHOLARSHIPS.—A number of Resident Scholarships of the value of $100 are offered to teachers and to students of colleges and universities who are qualified to enter Section B (Intermediate) or Section C (Advanced). (*See French Summer School Announcement.*)

OPEN TO STUDENTS ENTERING THE SCHOOL FOR GRADUATE NURSES

SCHOLARSHIPS

Applicants for scholarships must meet the entrance requirements of the University (Junior Matriculation standing or its equivalent). Preference will be given to applicants with experience in the nursing field.

1. ALEXANDRA HOSPITAL

The Board of Governors offers a scholarship in the form of full maintenance at the hospital during a year's study at the School for Graduate Nurses. Only members of the hospital nursing staff are eligible.

2. ASSOCIATION OF NURSES OF THE PROVINCE OF QUEBEC

(a) A scholarship of $500 is customarily offered to a member of the Association of Nurses of the Province of Quebec whose qualifications are acceptable to McGill University for any course selected in the School for Graduate Nurses.

(b) District No. 11 (English Chapter) Association of Nurses of the Province of Quebec offers a scholarship of $500 to a member of the Chapter, whose qualifications are acceptable to the University.

3. CHILDREN'S MEMORIAL HOSPITAL SCHOOL OF NURSING

The Board of Governors offers a scholarship in the form of maintenance at the hospital during one year's study at the School for Graduate Nurses.

4. MONTREAL GENERAL HOSPITAL SCHOOL OF NURSING

The Mildred Hope Forbes Memorial Scholarship Fund provides three annual scholarships for graduate work in nursing at a Canadian university, offered to graduates of the Montreal General Hospital School of Nursing.

5. ROYAL VICTORIA HOSPITAL SCHOOL OF NURSING

1. The Mabel F. Hersey Scholarship is given annually by the Board of Governors for a year of postgraduate study at the School for Graduate Nurses, McGill University.

2. The Emma Thomas Scholarship is offered annually for postgraduate study.

3. The Ida McGregor Scholarship is offered annually for postgraduate study.

6. VICTORIAN ORDER OF NURSES FOR CANADA

The Victorian Order of Nurses for Canada offers scholarships of $750 to nurses to assist them in taking postgraduate preparation in Public Health Nursing. The recipients are obligated, following their course, to work one year for the Victorian Order in the area where their services are most urgently needed.

7. THE HOMŒOPATHIC HOSPITAL OF MONTREAL

The Alumnæ Association of the Homœopathic Hospital School of Nursing offers to its members a scholarship of $300 for one year's study in Teaching in Schools of Nursing at the School for Graduate Nurses. In addition, consideration for maintenance would be given by the Hospital on application.

8. HERBERT REDDY MEMORIAL HOSPITAL

The Board of Trustees offers a scholarship for a year's study at the School for Graduate Nurses. Only graduates of the School of Nursing in connection with the Hospital are eligible.

GOVERNMENT BURSARIES.—A limited number of bursaries are made available through the School by the Province of Quebec for nurses who wish to remain in the province.

W. K. KELLOGG FOUNDATION LOAN FUND.—Through the generosity of the Foundation, this fund has been established to assist graduate nurses who cannot otherwise meet the expenses of a year of study at the school. For further particulars applicants should consult the Director of the School for Graduate Nurses.

OPEN TO STUDENTS IN THE SCHOOL OF PHYSIOTHERAPY

For scholarships, bursaries, and loan funds open to undergraduates in all faculties see page 617.

THE DR. F. G. FINLEY BOOK PRIZE awarded annually to the student with the highest standing in the first year.

THE CANADIAN PHYSIOTHERAPY ASSOCIATION BOOK PRIZE awarded annually to the student with the highest standing in the third year.

THE LIEUTENANT-GOVERNOR'S SILVER MEDAL, to be awarded to the most proficient student in the graduating class.

CANADIAN LEGION SCHOLARSHIPS.—Graduate and undergraduate bursaries are available. Application should be made through the Canadian Physiotherapy Association.

OPEN TO STUDENTS IN THE SCHOOL OF SOCIAL WORK

A number of bursaries are available for the Session 1951-52.

Substantial financial assistance may be given under the Federal-Provincial Health Grants to students desiring to qualify in psychiatric and medical social work.

While awards are made only to students of attainment and promise, the financial needs of applicants will receive consideration. Inquiries should be addressed to the Director.

The Alumni Society of the School has established a Loan Fund for the use of students.

VI. MEDALS AND PRIZES IN THE DEPARTMENT OF ATHLETICS, PHYSICAL EDUCATION, AND RECREATION

I. FOR MEN

THE WICKSTEED MEDALS.—The Wicksteed silver and bronze medals for physical education (the gift of the late Dr. R. J. Wicksteed) are offered for competition to students of the graduating class and to students who have had instruction in the gymnasium for two sessions; the silver medal to the former, the bronze medal to the latter. The award of these medals is made by judges appointed by the University. The medal is not awarded to any student who fails in his examinations for the degree.

THE DR. CHARLES F. MARTIN LAWN TENNIS TROPHY.—Presented by Walter Vaughan, a former Bursar, in honour of Dr. Charles F. Martin, this trophy is open for competition to undergraduate students of McGill University and is awarded to the winner of the annual singles competition. A miniature is presented to the winner for his retention.

FOOTBALL TROPHIES

FRED WIGLE MEMORIAL TROPHY.—For the most valuable Senior Football player.

CLAIRE MUSSEN MEMORIAL TROPHY.—For the most valuable Intermediate Football player.

MCGILL TOUCHDOWN CLUB TROPHY.—For the most valuable Lineman in Senior Football.

LOIS OBECK TROPHY.—For the most improved Senior Football player of the year.

HOCKEY TROPHY

DR. BOBBY BELL MEMORIAL TROPHY.—For the most valuable Senior Hockey player.

II. FOR WOMEN

STRATHCONA PRIZES.—The Department of Athletics, Physical Education, and Recreation in conjunction with the M.W.S.A.A., offers a prize for competition in each of the four years of the Faculty of Arts and Science. Details of the competition are announced at the beginning of each session.

THE DR. CHARLES F. MARTIN LAWN TENNIS TROPHY.—Presented by Walter Vaughan, a former Bursar, in honour of Dr. Charles F. Martin, this trophy is open for competition to undergraduate students of McGill University and is awarded to the winner of the annual singles competition. A miniature is presented to the winner for her retention.

INDEX OF AWARDS

	PAGE
Abbott (Dr. Maude E. S.) Scholarships	646
Agriculture Scholarships	651
Alexander (Charles) Scholarship	624
Alexandra Hospital Scholarship	673
Allan (Dr. J. H. B.) Fellowship	663
Allan (Margaret Jane) Scholarship	625
Alliance Française Medals	628
Allied Chemical and Dye Corporation Fellowship	654
Alpha Omicron Pi Bursary	632
Alumnæ Society Bursaries and Loans	632
American Society of Metals Prize	643
American Viscose Corporation Sylvania Division Fellowship	654
Anglin Bursary	640
Anglin-Norcross Prizes	637
Anonymous Bursary	620
Arts and Science Scholarships	624
Association of Nurses Scholarship	673
Ballon (Ellen) Piano Scholarships	650
Barclay Scholarship	625
Baylis Scholarship	640
Beatty (Sir Edward) Memorial Medal	636
Beatty (Sir Edward) Memorial Scholarships	612
Bedford Graduates' Society's Scholarship	615
Bennett Educational Fund	644
Birks (W. M.) Graduate Fellowship	650
Birks (W. M.) Scholarships	650
Blachford (H. L.) Scholarship	654
B'nai B'rith Bursaries	618
B'nai B'rith Hillel Foundation Bursary	618
B'nai B'rith Women's Auxiliary No. 257 Bursary	633
Borden Company Limited Scholarship	652
Botany, Prizes in	630
Botterell (Edmund Henry) Prize	634
British Association Prizes	637
British Association Medal	642

	Page
Bronfman Fellowships	658
Browne (A. A.) Fellowship	660
Bruce (Robert) Bursary	612
Bruce (Robert) Scholarships	612, 626
Bruck (Isaac) Scholarships	635
Bursaries	608
Busteed (Edwin Botsford) Scholarship	663
Byers (A. F.) Bursary	642
Canada Packers Fellowships	654
Canadian Army University Course Memorial Bursary	621
Canadian Dental Association War Memorial Scholarship	648
Canadian Institute of Mining and Metallurgy Loan Fund	643
Canadian Institute of Mining and Metallurgy Medal	638
Canadian Institute of Mining and Metallurgy Prizes	638
Canadian Legion Scholarships	674
Canadian Pacific Railway Company's Scholarships	613
Canadian Physiotherapy Association Book Prize	674
Carpenter (Philip) Fellowship	658
Carswell Prizes	649
Caverhill (G. Rutherfurd) Fellowship in Medicine	664
Chapman (Henry) Gold Medal	628
Chapman (Henry) Prize	629
Chemical Industry Society's Prize	639
Cherry Prize	629
Children's Memorial Hospital Scholarship	673
Chipman (Walter) Gold Medal	644
Christie-Storer Scholarship	616
C-I-L Fellowships	655
Class of 1899 Fund	643
Cohen Bursary	620
Colonial Research Fellowships	664
Collip (J. B.) Fellowships	655
Cominco Fellowship	655
Commercial Society Loan Fund	636
Community Planning Fellowships	655
Consolidated Mining and Smelting Co. Fellowship	655

PAGE

Cooper (James) Endowment 660
Corporation of Professional Engineers, Bursary of 640
Crossley (Ethelwyn M.) Scholarship Fund 671
Daly (Marion McCall) Prize 630, 634
Dawson (Sir William) Scholarship 625, 639
Dawson (Sir William) Fellowship 659
Delti Phi Epsilon Sorority Bursary 627
Delta Upsilon Memorial Scholarship 661
Dental Surgeons of the Province of Quebec (College of) Prize 647
Demonstratorships 653
Dentistry: First, Second, and Third Year Prizes 647
Derick (Carrie) Scholarship 633
Dey (William John) Bursaries 620
Dominion-Provincial Bursaries 618
Donalda Prize 650
Douglas (Dr. James) Bursaries 640
Douglas (Dr. James) Fellowship in Mining Engineering 659
Douglas (Dr. James) Fellowship in Pathology 660
Drake (Joseph Morley) Prize 645
Drummond (Guy) Scholarship 662
Duggan (G. H.) Memorial Scholarships 614
Dunn (Stuart) Memorial Scholarship 621
Eddy (Russell J.) Foundation Scholarships 661
Elder (John Munro) Prize 645
Engineering Institute of Canada Prizes 638
Evans (Nevil Norton) Scholarship 641
Exhibition of 1851 Scholarships 665
Fairley (Grace) Trafalgar Scholarship 616
Fantham Memorial Prize in Zoology 629
Farrand (Narcissa) Scholarship 616
Finley (Dr. F. G.) Book Prize 674
Football Trophies 675
Forbes (Mildred Hope) Memorial Scholarship 673
Forsyth (Dora) Prize 629, 634
Forsyth (Robert) Prizes 643, 645
Fourth Year Scholarships in Arts and Science 627

	Page
French Summer School Scholarships	672
Frost (George Henry) Loan Fund	643
Glasgow Exchange Fellowship	665
Gorham (James Rist) Scholarship	652
Gottesman Fellowship	655
Governor-General's Gold Medal	628
Governor-General's Silver Medal	628
Greenshields, The Chief Justice, Prize	649
Hall (Elizabeth G.) Scholarship Fund	672
Hall (James Dickie) Prize	638
Harrington (Dr. B. J.) Bursary	659
Hersey (Mabel F.) Scholarship	673
Hibbert (Harold) Memorial Fellowship	656
Hillel Foundation Bursaries	618
Hils (Joseph) Prize	645
Hingston Bursary	621
Historical Society's Prize	630
Hoare (Walter J.) Scholarship	646
Hobbs Glass Co. Scholarship	641
Hockey Trophy	676
Hodgson (Madelene) Prize	630
Hodgson (Sidney J.) Scholarships	615
Holmes Gold Medal	644
Homœopathic Hospital of Montreal Scholarship	674
Houston Scholarship	625
Howard (Campbell) Prize	645
Hunt (Dr. T. Sterry) Scholarship	656
Hunter (Georgina) Scholarship	633
Hurlbatt (Ethel) Scholarship	632
Hutchinson (Blanche) Reseach Fund	660
I. M. E. Prize	649
Imperial Oil Graduate Research Fellowships	661
Inco Fellowships	656
I.O.D.E. Scholarship in Agriculture	651
I.O.D.E. Bursary in the School for Teachers	653
I.O.D.E. Postgraduate Scholarships	665

PAGE

Institute of Radio Engineers Prizes 639
Instructorships 653
Jackson (F. Slater) Prize 645
Jacobs (Joseph H.) Prize 635
Jacobson (Joseph Alfred) Memorial Scholarship 621
Jenkins Brothers' Scholarship 641
Jewish Women (Local Council of) Scholarship 633
Johnson (Phelps) Prize 638
Jones (Eliza M.) Scholarships 651
Jones (Frank P.) Scholarships 615
Jones (Hon. Robert) Bursary 612, 640
Joseph (Ethel Walkem) Prize 630
Keenan (Mary) Scholarship 658
Kellogg Loan Fund 646, 648, 674
Kennecott Copper Corporation Scholarship 641
Ker (Frederick Southam) Bursary 619
Khaki University and Y.M.C.A. Memorial Scholarship Fund 619
Kimberley (James C.) Scholarships 639
Kiwanis Club Bursaries 652
Knights of Pythias Scholarship 627
Lamb (A. S.) Scholarships 672
Lea (Richard S.) Tutorial Bursary 640
Leonard Foundation Scholarships 619
LeRoy Memorial Fellowship 656
Lieutenant-Governor's Medals 628, 636, 642, 644, 647, 672, 674
Loan Funds 608, 622, 646
Loans 608
Logan Bursaries 631
Logan Gold Medal 628
Lutheran Student Loan Fund 623
Lyman (Hannah Willard) Scholarship 627
McCall (James Darling) Scholarship 627
McCaskill (Duncan) Scholarship 616
McCharles Prize 640
McConnell (J. W.) Memorial Scholarships 611
McConnell (J. W.) Memorial Scholarships, Holders of 606

	Page
McCrae (John) Fellowship	664
Macdonald College Alumni Association Scholarship	662
Macdonald (Sir William) Entrance Scholarships	612
Macdonald (Sir William) Scholarships in Arts and Science	625
Macdonald (Sir William) Memorial Scholarships in Music	649
Macdonald (Sir William) Travelling Scholarship in Law	668
Macfarlane (Frederica Campbell) Scholarship	652
McFee (Alexander) Fellowship	656
McGill U.N.T.D. Bursary	620
McGill (Women Associates of) Bursary	620
McGregor (Ida) Scholarship	673
Macintosh (Annie) Prize	629, 634
MacKay (H. M.) Memorial Scholarship	641
Mackenzie (Alexander) Fellowship	658
Mackenzie (Alexander) Scholarships	627
McLennan (Hugh) Scholarship	668
Macnaghten (Chester) Prizes	622
MacRae (Isabella) Scholarship	616
Mailhiot (Adolphe) Memorial Prize	649
Marceau (Ernest) Prize	638
Martin (Dr. Charles F.) Lawn Tennis Trophy	675, 676
Millen (Laddie) Memorial Scholarship	635
Mills (Major Hiram) Gold Medal	628
Mills (Major Hiram) Scholarship	626
Mining and Metallurgical Research Fellowships	659
Molson (Anne) Gold Medal	628
Molson (Anne) Prize	630
Molson (H. W.) Fellowship in Cancer	660
Montreal Bar Association Prize	648
Montreal Dental Club Gold Medal	647
Montreal Dental Club Prizes	647
Montreal Endodontia Society Book Prize	647
Montreal General Hospital Scholarships	673
Montreal Neurological Institute Fellowship	661
Montreal Women's Club Eliza Reid Memorial Scholarship	616
Morris (Alexander) Exhibition	648

	PAGE
Mount Royal Dental Society Prizes	647
Moyse Travelling Scholarship	668
Muskatov (Boris) Prize in Psychology	631
National Council of Jewish Women of Montreal Bursaries	619
National Federation of Canadian University Students Exchange Scholarships	621
National Research Council Scholarships	662
Notre Dame de Grace Women's Club Bursary	617
Nuffield Foundation Fellowships	665
Nuodex Fellowship	657
Nurses' Association Scholarship	673
Nutting (Charles Albert) Prize	648
Ochs (Adolph S.) Scholarships	639
Oliver (Allen) Fellowship	663
Oliver (Allen) Gold Medal	628
Ontario Graduates' Society Loan Fund	623
Ontario Research Commission Scholarships	666
Ornithology Prize	630
Osler Memorial Scholarship	664
Ottawa Valley Graduates' Society Bursary	613
Pappelbaum (Sydney S.) Bursary	635
Penhallow Prize	629
Peterson Memorial Prize in Literature	629
Peterson Memorial Scholarship in Classics	625
Peterson Memorial Scholarships in Music	649
Pettes, Mrs. N. (Narcissa Farrand) Scholarship	616
Physical Education (School of) Gold Medal	672
Porter (Dr. J. B.) Scholarship	660
Presbyterian College Scholarships	617
Primary Prize in Medicine	645
Prince of Wales Gold Medal	628
Quebec (Province of) Bursaries in Nursing	674
Quebec (Province of) Mining Bursaries	642
Quebec (Province of) Postgraduate Scholarships	666
Quebec (Province of) Psychological Association Prize	631
Quebec (Province of) Scientific Research Bureau Fellowships	657

	Page
Quebec Women's Institute Bursary	651
R.C.A.F. Benevolent Fund	623
R.C.E. Memorial Scholarships	641
Reddy (Herbert) Memorial Scholarship	674
Redpath (Jane) Exhibition	625
Reford Scholarship	625
Reid (Helen R. Y.) Scholarship	633
Research Council Scholarships (National)	662
Ressler Scholarship	650
Rhodes Scholarships	666
Robertson (Louis) Prize	637
Rosenfeld (Samuel) Prize	645
Rosenfeld (Samuel) Scholarship	646
Rotary Club of Ottawa Student Loan Fund	623
Rowat (Thomas Alexander) Scholarship	648
Royal Architectural Institute of Canada Medal	643
Royal Commissioners for 1851 Scholarships	665
Royal Society of Canada Fellowships	666
Royal Victoria College Entrance Scholarships	613, 631
Royal Victoria College Resident Bursaries	632
Royal Victoria Hospital Scholarships	673
Rutherford (J. M.) Memorial Prize	622
Savory Bursary	646
Scott (Barbara) Scholarship	625
Scott Exhibition	637
Second Year Scholarships in Arts and Science	624
Sensenbrenner (Frank J.) Fellowship	656
Shakespeare Gold Medal	628
Shakespeare Scholarship	627
Sharp (F. W.) Prize in Commerce	635
Shawinigan Fellowship	657
Shell Oil Fellowship	657
Smith (Angus McCoy) Scholarship	627
Smith (Seba Abbott) Memorial Scholarship	613
Snyder (Charles William) Scholarship	626
Society of Chemical Industry Prize	639

	Page
Solvay Fellowship	657
S.P.C.A. Scholarship	652
Stewart (Alexander D.) Prize	645
Stewart (Neil) Prize	622
Stewart (Walter M.) Scholarships in Agriculture	658
St. Francis District Graduates' Society Bursary	615
Strathcona Prizes for Physical Education	676
Sutherland Gold Medal	644
Swiss Exchange Scholarships	667
Switzerland, Prizes of Minister in Canada	630
Sylvania Fellowship	654
Tagge (Arthur C.) Fellowship	659
Tallerman (Esther) Scholarship	646
Temple Emanu-el Sisterhood Bursary	621
Third Year Scholarships in Arts and Science	626
Thomas (Emma) Scholarship	673
Thompson (Professor R. R.) Memorial Prize	635
Tighe (James) Prize	643
Torrance (Elizabeth) Gold Medal	649
Trafalgar (Grace Fairley) Scholarship	616
Turnbull Elevator Company Limited Prizes	637
Turner (P. J.) Prize	637
Undergraduates' Society Prizes in Engineering	638
University Bursaries	608
University Entrance Scholarships	609
University Fellowships	659
University Scholars	605
University Scholarships	607
University Loan Fund	608
University Lodge Loan Fund	623
University Women's Federation Scholarship	667
University Women's Federation Junior Scholarship	667
Vaughan (Susan Cameron) Scholarship	633
Verdun Women's Club Bursary	617
Victor (Jeannette) Memorial Scholarship	661
Victorian Order of Nurses' Scholarship	674

	Page
Waddell Loan Fund	643
Waterhouse (Edwin) Scholarship	634
Watt (Mrs. Alfred) Memorial Scholarship	653
Westmount Women's Club Scholarship	615
Wicksteed Medals for Physical Education	675
Willey (Constance) Prize	650
Williams (Dr. J. Francis) Scholarship	664
Wilson (Morris W.) Memorial Scholarships	611
Wilson (Morris W.) Memorial Scholarships, Holders of	606
Wolvin (Roy M.) Scholarships	625, 639
Women Associates of McGill Bursary	620
Wood Gold Medal	644
Workman Studentship	636
Y.M.C.A. Memorial Scholarship Fund	619
Zoology, Prizes in	630

McGill University

Montreal

Faculty of Arts and Science

1951-1952

MCGILL UNIVERSITY LIBRARY

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PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

INDEX

	PAGE
Administrative Officers	1007
Admission Requirements	1012
Admission to Upper Years	1012
Advanced Courses	1019
Age of Admission	1010
Anatomy	1040
Ancient History	1057
Anthropology	1150
Application Forms	1011
Art	1080
B.A., Courses for General Degree	1017
B.A., Courses for Honours Degree	1021
B.Sc., Courses for General Degree	1024
B.Sc., Courses for Honours Degree	1027
B.F.A., Courses for General Degree	1029
Bacteriology	1041
Biochemistry	1042
Biological Sciences, General, Honours B.Sc. in	1028
Board and Residence, Fees	1037
Botany	1045
Chemistry	1048
Classes of Student	1011
Classics	1054
Committees	1008
Common First Year	1016
Continuation Subjects	1015
Courses of Lectures in Arts and Science	1040
Degrees	1015
Distinction in General Course	1016
Economics	1058
Education	1067
English	1072
Entrance Requirements	1012
Faculty of Arts and Science	1010
Faculties and Schools	1031
Fees	1035

INDEX—*Continued*

	PAGE
Fine Arts	1080
French	1138
French Summer School	1034
General Courses for B.A. Degree	1017
General Courses for B.Sc. Degree	1023
Genetics	1082
Geography	1085
Geography Summer School	1035
Geological Sciences	1089
German	1094
Greek	1054
High School Diploma	1069
Histology	1040
History	1097
History, Ancient	1057
Honours Course Regulations	1022, 1028
Honours Courses for B.A. Degree	1022
Honours Courses for B.Sc. Degree	1028
Honours B.Sc. in Biological Sciences, General	1028
Italian	1146
Latin	1056
Limited Undergraduates	1011
Linguistics	1058
Mathematics	1102
Mineralogy	1090
Music	1112
Partial Students	1011
Period of Study for a Degree	1010
Philosophy	1115
Physics	1120
Physiology	1130
Political Science	1064
Professional Faculties	1031
Psychology	1132
Registration	1014

INDEX—*Continued*

	PAGE
Regulations of the Protestant Committee	1071
Religion	1136
Requirements for Admission to Professional Courses	1031
Romance Languages	1138
Sociology	1147
Spanish	1143
Standing Committees	1008
Summer School in French	1034
Summer Schools 1950	1034
Training of Teachers	1069
Undergraduates	1011
Women Students	1010
Zoology	1151

ADMINISTRATIVE OFFICERS

THE UNIVERSITY

F. Cyril James, B.Com., M.A., Ph.D., D.Sc., D.C.L., LL.D., D. de l'U., F.R.S.C., Chevalier de la Légion d'Honneur — *Principal*

John J. O'Neill, M.Sc., Ph.D., F.G.S.A., F.R.S.C. — *Vice-Principal*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., A.C.I.S. — *Bursar and Secretary of the Board of Governors*

T. H. Matthews, M.A. — *Registrar*

F. S. Howes, B.Eng., M.Sc., Ph.D. — *Chairman of University Extension*

Muriel V. Roscoe, M.A., Ph.D., D.Sc. — *Warden of the Royal Victoria College*

Richard Pennington, B.A., Lib.Dip. — *Librarian*

G. A. Grimson, B.Com. — *Chief Accountant*

E. C. Knowles, B.D., M.A. — *University Chaplain and Student Counsellor*

F. M. Watkins, A.B., Ph.D. — *Warden of Douglas Hall*

FACULTY OF ARTS AND SCIENCE

H. N. Fieldhouse, M.A., F.R.S.C. — *Dean of the Faculty*

C. D. Solin, M.A., Ph.D. — *Assistant Dean*

H. G. Files, M.A., Ph.D. — *Chairman, Humanities Group*

John Stanley, M.A., Ph. D. — *Chairman, Biological Sciences Group*

W. H. Hatcher, M.Sc., Ph.D., F.C.I.C., F.R.S.C. — *Chairman, Physical Sciences Group*

F. M. Watkins, A.B., Ph.D. — *Chairman, Social Studies and Commerce Group*

H. D. Woods, M.A. — *Director of the School of Commerce*

COUNCIL

The Dean, the Principal, and the four Group Chairmen form the Council of the Faculty.

STANDING COMMITTEES OF THE FACULTY OF ARTS AND SCIENCE

SESSION 1951-52

B.A. ADVISORY COMMITTEE

THE DEAN, *Chairman*
E. R. ADAIR
C. H. CARRUTHERS
C. A. DAWSON
H. G. FILES
W. L. GRAFF
F. K. HARE
JOHN HUGHES
J. E. L. LAUNAY
R. D. MACLENNAN
HERBERT TATE
F. M. WATKINS
E. C. WEBSTER
THE ASSISTANT DEAN

B.Com. ADVISORY COMMITTEE

H. D. WOODS, *Chairman*
THE DEAN
K. F. BYRD
B. H. HIGGINS
HERBERT TATE
B. S. KEIRSTEAD
THE ASSISTANT DEAN

B.Sc. ADVISORY COMMITTEE

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THE DEAN
J. J. O'NEILL
MURIEL V. ROSCOE
A. N. SHAW
JOHN STANLEY
D. L. THOMSON
P. R. WALLACE
C. A. WINKLER
THE ASSISTANT DEAN

B. F. A. ADVISORY COMMITTEE

THE DEAN, *Chairman*
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H. G. FILES
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W. L. GRAFF
O. HALL
JOHN HUGHES
J. E. L. LAUNAY
R. D. MACLENNAN
JOHN STANLEY
E. C. WEBSTER
THE ASSISTANT DEAN

The B.A., B.Sc., B.Com., and B.F.A. Advisory Committees also act together as a General Advisory Committee.

SCHOLARSHIPS COMMITTEE

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THE DEAN
E. R. ADAIR
CECIL CURRIE
G. I. DUTHIE
OSWALD HALL
J. E. L. LAUNAY
J. R. MALLORY
MURIEL V. ROSCOE
JOHN STANLEY
G. A. WOONTON
THE ASSISTANT DEAN

TIME TABLE COMMITTEE

HERBERT TATE, *Chairman*
C. H. CARRUTHERS
CECIL CURRIE
A. S. ROSS
THE ASSISTANT DEAN

COMMITTEE ON ADMISSIONS AND STANDING

D. L. THOMSON, *Chairman*
THE DEAN
R. D. GIBBS
R. V. V. NICHOLLS
E. R. POUNDER
W. S. REID
MURIEL V. ROSCOE
W. B. ROSS
K. G. TERROUX
H. D. WOODS
THE ASSISTANT DEAN

A complete list of the teaching staff of the University, including the Faculty of Arts and Science, is printed as a separate announcement which may be obtained from the Registrar's Office.

The Faculty of Arts and Science

(McGILL COLLEGE)

GENERAL INFORMATION

The undergraduate work of the University in Arts, in Pure Science, in Commerce, and in Fine Arts is done in McGill College, usually called the Faculty of Arts and Science. The Dean of McGill College is the Dean of the Faculty of Arts and Science.

The work of the students who are candidates for the degree of Bachelor of Commerce is supervised by the Director of the School of Commerce which is an integral part of the Faculty. *The School of Commerce has a separate Announcement.*

DEGREES OFFERED

Bachelor of Arts (B.A.),
Bachelor of Science (B.Sc.),
Bachelor of Commerce (B.Com.),
Bachelor of Fine Arts (B.F.A.).

WOMEN STUDENTS

Women are admitted to the courses and to the degrees of the Faculty on the same terms as men.*

AGE OF ADMISSION

Except in special circumstances, no student under the age of sixteen is admitted to the First Year, or under the age of seventeen to the Second Year.

PERIOD OF STUDY FOR A DEGREE

The bachelor's degree may be obtained only by students who have regularly attended the prescribed courses for at least four years after being admitted into the first year, or for at least three years after being admitted into the second year. Students are admitted into the third year only in exceptional circumstances and at least two full years of resident study in the Faculty are ordinarily required before the bachelor's degree can be granted.

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*See also pages 301 to 317 of the General Information booklet enclosed with this Announcement.

CLASSES OF STUDENT IN THE FACULTY

(1) Regular undergraduates are students who have complete matriculation qualifications and who are taking the regular work of their year towards the B.A., B.Sc., B.Com., or B.F.A. degree.

(2) Limited Undergraduates are students who have complete matriculation qualifications but who find themselves unable, because of ill-health or other circumstances, to complete their degree work in the required four years. Such students may, with the Dean's permission, extend their course beyond the required period but must complete it within eight years.

Limited Undergraduates are not eligible for scholarships, medals, bursaries, or prizes of any description and may not read for an Honours degree.

(3) Partial students are students who are not registered as proceeding to a degree but who are allowed to take one or more lecture courses. Partial students must obtain the Dean's permission to register and must satisfy the lecturer in the course concerned that they have sufficient ability to do the work in the course. Application may be refused because of limitation of space in lecture rooms and laboratories. A student who has tried, and failed to pass, matriculation is not allowed to register as a partial student except in special circumstances.

If a partial student hopes to secure credit for a course, he or she must fulfil all the requirements of classroom work and tests which are prescribed for that course for regular students.

A partial student who has successfully passed the courses of a previous year is not necessarily accepted at a later session.

Subject to the above limitations, lectures are open to partial students in both honours and general classes. Such a student may request the Registrar to issue a certificate stating that he has followed certain courses and showing his class standing in each. Work taken by a partial student cannot, however, be counted towards a McGill degree without a special vote of Faculty.

Partial students are not eligible for scholarships, bursaries, medals, or prizes.

APPLICATION FOR ADMISSION

All applications to enter the Faculty of Arts and Science must be made on forms which may be obtained from the Registrar's office. Each applicant from a High School should see that a confidential report is sent from his Principal to the Dean, since such a report is necessary for the

consideration of the application. Completed applications must reach the Registrar before August 31st, but it is advantageous for students to submit formal applications in the Spring months, supplementing them, if necessary, with the required certificates as soon as these become available.

Women students whose homes are outside Montreal must make application before May 31st to the Warden of the Royal Victoria College for residence. At the same time, they must submit their academic applications (even if these are incomplete). Forms for these purposes are obtainable from the College or from the Registrar's Office.

Each accepted candidate will receive a formal acceptance into a definite course and year and this must be kept for presentation at registration.

The number of admissions is limited and the College is not bound to accept applicants who have passed the required examinations.

ENTRANCE REQUIREMENTS (For the Session 1951-52)

See General Announcement for details.

Students may be admitted into the Faculty as regular undergraduates after obtaining the necessary standing in the required papers of the McGill Junior or Senior School Certificate examination, or their recognized equivalents. Full details concerning these examinations are given in the School Certificate Examinations Announcement, which may be obtained from the Registrar's office. *A student with incomplete matriculation qualifications is not admitted as a regular undergraduate.*

FIRST YEAR

A student may apply for admission to the First Year of the B.A., B.Sc., B.Com., or B.F.A. course, after obtaining the necessary standing in the appropriate subjects of the School Certificate Examination or in one of the examinations recognized by the University as the equivalent.

SECOND YEAR

A student may apply for admission to the Second Year of these courses after obtaining the necessary standing in the appropriate papers of the School Certificate *and* Senior School Certificate Examinations or their recognized equivalents. Only in exceptional circumstances is a student who has not written and passed the School Certificate Examinations or their equivalent admitted by Senior School Certificate. At least a good second class standing in Senior School Certificate Examinations or their equivalent is required for entrance to the Second Year.

A student who has been admitted to the first year and who has failed to advance to the second year is not permitted to obtain advanced standing by writing Senior School Certificate Examinations, but, provided that he has not been excluded from further study for academic or other reasons, he is required to take the regular supplemental examinations of the first year if he desires to proceed in his course.

Students who are admitted to the B.A. course without having satisfied the requirement of the classical language must include in their programme a classical language for two years. All applications for exemption from the classical requirement must be submitted in writing to the Dean prior to registration.

Candidates for admission to the University in the second year of the B.A. course may offer, in place of Senior Matriculation Mathematics, another subject in which they have shown marked proficiency and which is in accordance with the trend of the studies which they are preparing to pursue. In general, however, students are advised to offer Mathematics. It is a pre-requisite to all advanced courses in the Science division and must be taken if either Physics or Chemistry is included in the Senior Matriculation programme. It is also a required subject for students who intend to take courses in the Social Sciences, excluding History and Political Science. For this reason, unless a student intends to honour in one of the Humanities (English, Languages, Philosophy) or in Political Science or History, Mathematics is obligatory. In any case, no student will be permitted to offer another subject in place of Mathematics unless he or she has passed the Elementary Mathematics of the Junior School Certificate or its equivalent and has achieved at least 75% in the Junior School Certificate examinations in History, or a Modern Language, or Classics. Only a subject in which this 75% is obtained may be substituted for Mathematics. If they intend to pursue studies in History, Philosophy, or Political Science, candidates are expected to choose History as their substitute.

Students may be admitted to the second year in the B.A. course with School Certificate German or Greek or Spanish as one of the five subjects required if they have not previously taken that subject for the School Certificate.

Full details of these examinations are given in the School Certificate Accouncement which may be obtained from the Registrar's Office.

THIRD YEAR

A student may apply to enter the Third Year by submitting application forms as for first and second years together with the necessary certificates of attainment.

REGISTRATION

All First Year students in the Faculty of Arts and Science will register on Friday, September 21st, in the Sir Arthur Currie Memorial Gymnasium. Students in the Second, Third, and Fourth Years will register on Friday, September 28th, and on Saturday, September 29th, in the Gymnasium.

The Freshman Welcome meeting will take place on Monday, September 24th.

After October 1st a special late registration fee must be paid (see page 1037).

No student will be admitted after October 14th except by special permission of the Dean.

At the time of registration, women students in the Faculty will be required to fill out special forms for the Royal Victoria College, of which they are automatically members (see pages 307 to 309 of the General Information booklet enclosed with this Announcement).

Those women students in the Faculty who do not reside with their parents or guardians in Montreal and who wish to live outside the University residences are required to submit their plans for residence in writing to the Warden and to obtain written approval. Students in this category who are entering the University for the first time must in all cases fill out residential application blanks at the time the academic application is submitted.

Each regular undergraduate must be registered for the courses and year for which he has been accepted. Limited undergraduates and Partials must obtain approval of their courses from the Admitting Officers before proceeding to register.

All students intending to take an Honours Course must obtain the approval of the Chairman of the Department or Departments concerned before registration.

Courses of study for the B.A., the B.Sc., and the B.F.A. degrees are laid down on pages 1015 to 1031 and details of these courses are found in pages 1040 to 1157. At the end of the description of the courses provided by each Department will be found the requirements for Honours.

For details concerning the curriculum and courses of lectures in Commerce, see the separate Announcement of the School of Commerce.

No undergraduate may attend classes in any course for which he is not registered.

DEGREES AND COURSES OF STUDY

The Faculty of Arts and Science offers courses of study leading to four degrees: Bachelor of Arts (B.A.), Bachelor of Science (B.Sc.), Bachelor of Commerce (B.Com.), and Bachelor of Fine Arts (B.F.A.).

The courses offered by the Faculty are grouped in four ways in order to secure a co-ordination and integration of the courses of study — viz.: the Humanities, Social Studies and Commerce, Physical Sciences, and Biological Sciences.

A course of study for the Arts degree is predominantly concerned with the Humanities, comprising Language, Literature, and Philosophy, and the Social Studies, comprising Economics, Education, Geography, History, Political Science, and Sociology.

A course of study for the Science degree emphasizes the Physical Sciences, Mathematics, Chemistry, Geology, and Physics, and the Biological Sciences, Anatomy, Bacteriology, Biochemistry, Botany, Genetics, Physiology, Psychology, and Zoology.

The Fine Arts curriculum includes planned courses in academic subjects, the theory and history of the Fine Arts, and practical training in drawing, painting, and design. The syllabus is arranged to meet the needs of two types of student: those who plan to become teachers of Art in public or private schools, and those who will later become professional painters, graphic artists, and craftsmen, and who desire to secure both broad intellectual training and basic practical experience.

The School of Commerce offers four years of undergraduate work leading to the degree of Bachelor of Commerce.

All students must consult the Director of the School before registering for the course in any year. A separate Announcement of the School of Commerce is obtainable from the Registrar's Office.

In the case of both the Arts and the Science degrees, the course of study includes one or more subjects from other groups than the particular one in which the major part of the course of study lies.

GENERAL AND HONOURS DEGREES

There are two distinct kinds of degree conferred in Arts and Science, the General Degree and the Honours Degree.

A student proceeding to a General Degree has a wide range of subjects from which to choose his courses but he must concentrate from the Second Year onward on two subjects called *Continuation Subjects* and he must

select one or more courses in other subjects so that there may be a proper distribution of his studies. The continuation subjects are chosen from a list of those which are laid down as appropriate to the degree for which the student is a candidate. A full course (or two half-courses) must be taken each year in each of these two continuation subjects. The elective courses which are necessary to make up the work of each year should be chosen by the student so that he may fulfil (*a*) the requirements of that particular year and (*b*) the prerequisite requirements of any course which he wishes to take in the following year.

When the student's record during his Second, Third, and Fourth Years of the General Course averages a high second class standing a special award of *Distinction* is made at graduation. When the record averages first class standing the award made is *Great Distinction.*

A student proceeding to an Honours degree chooses either (*a*) one subject or (*b*) two cognate subjects in which to specialize. He will also take courses in other subjects selected with the approval of the department or departments in which he is studying. In most departments, the honours courses begin in the Second Year; but, even in these departments, in the case of students of exceptional merit, they may be commenced in the Third Year. The student must attain at least second class standing each year in order to continue in the course for the Honours degree. The whole record during the Second, Third, and Fourth Years is taken into consideration at graduation and Honours are awarded by the Faculty on the recommendation of the department or departments in which the student has elected to study.

COMMON FIRST YEAR

A student who is qualified by matriculation to proceed to the B.A. or B.Sc. degree and who does not know at the beginning of his first year which degree he desires to obtain, may qualify to enter the second year leading to either of these degrees by taking in his first year — English, Mathematics, a Classical Language, Physics, and Chemistry. This is known as the *Common First Year* and the student pays the fee required for the first year B.Sc. course.

ATTENDANCE, EXAMINATIONS, AND ADVANCEMENT

The attention of students is called to a pamphlet entitled *Regulations Governing Attendance, Examinations, and Advancement* issued by the Faculty of Arts and Science. This booklet is bound in at the back of this announcement, and separate copies are distributed at the time of registration. Extra copies may be obtained through the Dean's Office.

SUBJECTS AND COURSES REQUIRED FOR THE DEGREE OF BACHELOR OF ARTS

Every candidate for the B.A. degree must meet certain requirements, whether he is proceeding towards an Honours or a General degree. A course in each of English, Classics (Greek or Latin), Mathematics, and English Composition is required in the first year of study.

CLASSICS REQUIREMENT

In special circumstances, a student may be given permission to substitute another subject for Classics in the first year. Application for such permission must be made to the Dean prior to registration.

MATHEMATICS REQUIREMENT

A student may be allowed to replace Mathematics by a first year course in a subject in which he has shown marked proficiency and which is in accordance with the trend of the studies that he is preparing to pursue. In general, however, students are advised to take Mathematics during the first year. It is a pre-requisite to all advanced courses in the science division and must be taken concurrently with first year courses in Physics and Chemistry. It is also a required subject for students who intend to take courses in Social Sciences, excluding History and Political Science. For this reason, unless a student intends to honour in one of the Humanities (English, Languages, Philosophy) or in Political Science or History, the first year course in Mathematics is obligatory. In any case, no student will be exempted from the first year course in Mathematics unless he or she has passed the Elementary Mathematics of the Junior School Certificate or its equivalent, and has achieved at least 75% in the Junior School Certificate examinations or their equivalent in History or a Modern Language or Classics. Only a subject in which this 75% has been obtained may be substituted for Mathematics. If they intend to pursue studies in History, Philosophy, or Political Science, students are expected to choose History as the substitute.

MODERN FOREIGN LANGUAGE REQUIREMENT

All candidates for the degree must take a course in a modern foreign language, which may be taken in any year. Where a student chooses to begin the study of a language in order to meet either the classics or the modern language requirement, he must take and pass a further course subsequent to the elementary one to satisfy this language requirement. This rule applies, for example, to a student who begins the study of Greek, Latin, German, Spanish, or Italian (there is no beginning course

in French); in every case the elementary course alone will not satisfy the requirement for the B.A. degree. On the other hand, a beginning course is given full credit when it is taken as a simple elective which is not to be counted towards satisfying the language requirement, except that in the Fourth Year such an elementary course is treated as only a half-course.

SCIENCE REQUIREMENT

For the General B.A. degree, there is the further requirement of one course in a science subject, which may be taken in any year. The combinations of the two half courses Botany 11a plus Zoology 11b, or Zoology 11a plus Botany 11b, are acceptable as fulfilling this requirement, but it should be noted that both Zoology 11a and 11b are prerequisite to some courses in Zoology.

A student proceeding to an Honours degree is not required to take a course in Science.

ENGLISH COMPOSITION REQUIREMENT

Every candidate for a degree in this Faculty must satisfy the Department of English (which, in this matter, acts as the agent of Faculty) that he, or she, is competent in English composition. In addition to the other requirements for the degree, therefore, all students, in their first year in the Faculty, must register in English 100C. When a student has succeeded in demonstrating his competence in this course, he, or she, will be dispensed from further attendance at it.

NUMBER OF COURSES

In each of the First and Second Years, five courses must be taken, that is, normally fifteen hours of class work per week; and in the Third and Fourth Years respectively, four courses, making twelve hours per week. The third hour each week in each individual course may be devoted to group conferences.

THE FIRST YEAR OF THE B.A. COURSE

FOR BOTH GENERAL AND HONOURS DEGREES)

(a) Compulsory Courses:

English 100
*Latin *or* Greek
*Mathematics

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*See page 1017 for information concerning exemption in Classics or Mathematics in exceptional cases.

(b) Elective:

Two of the following:

Economics 100
French
German
Greek *or* Latin (if not already taken)
Italian
History
Music
Science (Botany 11a *and* Zoology 11b, or Zoology 11a *and* Botany 11b, or Chemistry 60, or Geography 12, or Physics 11 or Physics 12)
Spanish

Details of the work in each subject are given on pages 1040 to 1157.

Students who wish to qualify for the High School Diploma of the Province of Quebec have to fulfil certain additional requirements in both the First and Second Years. See page 1069.

SELECTION OF COURSES

The student is normally free to elect *two* courses in the First Year which, together with the three compulsory courses, complete the total of five required for that year. In choosing his courses, however, the student is advised by those who are registering him to give careful consideration to his selection. These points must be remembered:

1. He has to consider the desirability of choosing a course in a modern foreign language; this may be taken in any year, but it is preferable to take it not later than the Second Year, because a student who subsequently elects to take an Honours course in some subject other than a foreign language may find it difficult to take this compulsory language course in the Third or Fourth Year when he is likely to be fully occupied with his Honours studies.

2. Unless he is intending to take an Honours course, he has to choose, at some time or other during his four years, one of the science courses.

3. If he intends to take an Honours course, he must be careful to select the course in the First Year which is the prerequisite for such Honours study in the Second Year. A student who intends to study a subject for Honours or Continuation is warned to look up the requirements of the appropriate departments, given on pages 1040 to 1157.

4. Before being admitted to Honours study in History, the student is expected to have a knowledge of French and of Latin. The latter requirement may be satisfied by a first year college course following matriculation Latin or, at the discretion of the Department, by high ranking in Latin in the matriculation examination.

5. A student who hopes to enter either the Faculty of Medicine or that of Dentistry upon the completion of his third year, must take both Mathematics and Physics in his first year.

ADVANCED COURSES IN THE FIRST YEAR

Some departments which give instruction in the First Year offer special lectures or work of a more advanced character to students with adequate qualifications.

These advanced courses are generally arranged by the departments when lectures actually commence, but any student who enrols in an advanced section *must* see that his registration, as recorded in the Assistant Dean's office, shows that he is taking advanced work.

Students of scholarship standing entering the first year may, with the approval of the Dean, take second year courses in subjects for which they are especially qualified.

THE GENERAL B.A. CURRICULUM IN SECOND, THIRD, AND FOURTH YEARS

At the beginning of the Second Year, a student proceeding to a General B.A. degree must choose two subjects from those listed below in Division I. These two subjects are designated *Continuation Subjects* and are to be studied during the Second, Third, and Fourth Years. A full course (or two half-courses) must be taken *each* year in each of the Continuation Subjects. The additional courses necessary to make the total of five for Second Year, and four for each of the Third and Fourth Years, may be chosen from any of the subjects shown in either Division I or Division II listed below. In choosing his elective courses, the student may seek the advice of one of the departments in which he chooses a continuation course. A student may select only those courses for which he has the prerequisites laid down by the department in which such courses are given, and he is responsible for seeing that the courses chosen do not conflict as regards hours of lectures or laboratory periods.

SUBJECTS OF STUDY OFFERED FOR THE ARTS DEGREE

Division I (Continuation)

Economics
English
French
Geography
German
Greek
History
Latin
Mathematics
Philosophy
Physics (when taken as a Continuation Subject with Mathematics)
Political Science
Psychology
Sociology
Spanish

Division II (Elective)

Ancient History
Bacteriology
Biochemistry
Botany
Chemistry
Education
Fine Art
Genetics
Geography
Geology
Italian
Linguistics
Music
Physics
Physiology
Religion
Zoology

A course intended primarily for First Year students may be counted as a full course in the Second Year.

Students who are pursuing a double course in Arts and Science and Divinity (six years at least) may, in the Third and Fourth Years, take the courses which constitute the ordinary curriculum in Arts and Science, less a half course each year or a whole course in one year.

Honours lecture courses are open to properly qualified general students.

GENERAL REGULATIONS GOVERNING HONOURS COURSES

The conditions for entering Honours courses in Second Year are as follows:

(*a*) The sanction of the Dean and of the departments in which Honours are elected must be obtained.

(*b*) No student may take Honours in a subject in which he has failed to attain at least second class standing in his First Year.

Honours students who fail to attain second class honours standing, at the end of the Second or Third Year, must revert to the General course in their next and following year or years and fulfil its requirements unless they obtain special leave to continue their honours work from the department or departments interested.

An Honours student who has failed in any subject in the Third Year examinations is not allowed to continue his Honours course except with the consent of Faculty.

A student's whole record during his Second, Third, and Fourth Years will be considered in awarding Honours at graduation.

Students in Honours courses who fail to attain second class honours at graduation, or who succeed in attaining second rank honours only in one of two combined courses, must revert to the list of General students and if they are unable to satisfy the requirements of the General degree they will not be granted a degree.

Honours are awarded by Faculty on the recommendation of the department or departments in which Honours are elected.

THE HONOURS B.A. CURRICULUM IN THE SECOND, THIRD, AND FOURTH YEARS

Honours Courses Offered for the B.A. Degree

Classics	History
Economics and Political Science	Latin
English	Mathematics
French	Mathematics and Physics
Geography	Philosophy
German	Psychology
Greek	Sociology

and combinations of the above.

At the beginning of the Second Year, a student proceeding to an Honours B.A. degree may elect to take full honours in one subject or half honours in each of two cognate subjects; these subjects must be chosen from the list given in the preceding paragraph. Information as to courses to be taken can be found at the end of the descriptive material listed by the appropriate department on pages 1040 to 1157.

Normally, when a student takes honours in two subjects, his certificate on graduation will indicate that the work done in each of these two departments amounts to only half a full Honours course in that department: e.g. First Class Honours in English (one-half) and History (one-half), or First Class Honours in English (one-half) and Second Class Honours in History (one-half). But in the departments of Classics and of Economics and Political Science, each of which is divided into two sections — Classics into Latin and Greek, and Economics and Political Science into Economcis and Political Science—honours in each of these sections is equivalent to half-honours in another department and can

be so combined; therefore the certificate on graduation will indicate only the appropriate honours: e.g. First Class Honours in Greek and Second Class Honours in Latin, or First Class Honours in Economics and Second Class Honours in History (one-half).

A Second Year General student who shows exceptional merit in any subject in his Second Year examinations may, if he so wishes, and if the department is satisfied that his knowledge of the subject is sufficient to enable him to reach the standard of Honours by two more years' study, be allowed to take up the Honours course in that subject at the beginning of his Third Year.

Honours courses in the Second Year consist of 15 hours per week, and, in each of the remaining two years, 12 hours, covering lectures, conferences, and tutorial classes. The work also involves wide reading and, in addition to the actual subjects of lectures, study in the general subject selected, in accordance with a definitely prescribed programme. Attention is drawn to the fact that lectures are not given on all parts of the work, and that the examinations for Honours are not necessarily conducted exclusively by the persons who have given the courses.

In the Second Year, a student registering for Honours in one subject only, fulfils the requirement of fifteen hours by taking a minimum of two courses or six hours in his Honours subject, and, in addition, such other courses in other departments (bringing the total to fifteen hours) as the department under which he is studying may direct. A student registering for combined Honours in two subjects fulfils the requirement of fifteen hours by taking two full courses in each Honours subject, or twelve hours altogether, and, in addition, one other course (making a total of fifteen hours), such as the two departments under which he is studying may direct. In regard to Honours courses for the Third and Fourth years, the student should consult the regulations of the individual departments under which he is working.

Departments are at full liberty to recommend their Honours students to take one or more courses in cognate subjects as the equivalent of courses in their own departments.

The attention of students interested in the nature, origin, and history of languages is directed to the courses found on pages 1022, 1058, 1096.

SUBJECTS AND COURSES REQUIRED FOR THE DEGREE OF BACHELOR OF SCIENCE

An undergraduate may proceed to either a General or an Honours B.Sc. degree. As the distinction between these is not made until the second year (or, in some cases, the third year), there is a common curriculum to be followed by all first year students.

THE FIRST YEAR OF THE B.Sc. COURSE

(FOR BOTH GENERAL AND HONOURS DEGREES)

(a) Compulsory Courses:

English 100
Mathematics 11
Physics 11
Chemistry 11

(b) Elective:

Botany 11a *and* Zoology 11b
or one of the following, if the time-table permits:—
Economics 100
French
Geography 12
German 3
Greek
History
Latin
Music
Spanish
Zoology 11a *and* Botany 11b

In special cases, and subject to timetable arrangement, a qualified student may be granted permission to take either Botany 11, or Zoology 11, as the Elective Course. Students who intend to take honours in Zoology are advised to choose Zoology 11b. Students who intend to take the general Honours in Biological Science must elect Botany 11a and Zoology 11b. Zoology students will then take a half course in Botany in their first year of Honours, and Honours Botany students will subsequently take sufficient Zoology. More advanced courses are available also in Chemistry, Mathematics, and Physics for those specially qualified or contemplating Honours.

ENGLISH COMPOSITION REQUIREMENT

Every candidate for a degree in this Faculty must satisfy the Department of English (which, in this matter, acts as the agent of Faculty) that he, or she, is competent in English composition. In addition to the other requirements for the degree, therefore, all students, in their first year in the Faculty, must register in English 100C. When a student has succeeded in demonstrating his competence in this course, he, or she, will be dispensed from further attendance at it.

THE GENERAL B.Sc. CURRICULUM IN THE SECOND, THIRD, AND FOURTH YEARS

In each of these years, five courses are required; these courses must be spread over at least four subjects, and must be selected from the groups given below. The student is also required to pursue a continued study of two subjects during the major part of his last three years for the General degree. The normal sequence of courses in any subject chosen for continuation is shown in Group I below. Since courses in Bacteriology, Biochemistry, and Physiology are usually begun in the third year, a student is not obliged to choose these subjects for continued study until the beginning of his third year; in other cases, he will commence his continuation subjects at the beginning of his second year. In any year, a specially qualified student may be allowed, upon the recommendation of the department concerned, to substitute a more advanced course for any of those listed.

SECOND YEAR REQUIREMENTS

Three Science subjects from Group I; one Arts course from Group III; and one course from Group I or II or III.

THIRD YEAR REQUIREMENTS

Two Science subjects from Group I; one course from Group I or II; one Arts course from Group III, and one course from Group I or II or III.

FOURTH YEAR REQUIREMENTS

The same as for Third Year, the two subjects previously chosen from Group I being continued throughout this year. It is permissible, however, to drop one of these continuation subjects in the fourth year provided that two courses be taken in the remaining continuation subject; in this case the student's courses may be spread over three instead of four subjects.

GROUP I (Continuation Subjects)

SUBJECT	SECOND YEAR	THIRD YEAR	FOURTH YEAR
Biochemistry	See below	31	43 or 44
Botany	11 or 21 or 22b and 23a	21 to 42	21 to 42
Chemistry	22 or 24	24 or 22	23a, 23b, 32
Genetics	21	32a, 32b, 36 and 45b	43b, 44, 45a, 47a, 47b and 53

Geography	12 or 22; 21	31, 22 or 32; 34-39	42; 44, 46
Geology	1, or 5 and 6	2a to 12b	2a to 12b
Mathematics	23a, b; 24; 36a, b	24; 28a; 36a, b	36; 37a, b; 28a, 38b; 43a, b
Physics	22 or 21	23, (24b, 25)	(32, 35a), (43a, 44b), (35a, 47b), (35a, 44b)
Psychology	21, 22a and 22b	33a, 34a, 34b	41b, 42, 43b, 45a, 45b
Zoology	11, 21, 22, 24, (25, 25b)	21, 22, 24, (25, 25b), 32, (23b plus 37)	21, 22, 24, (25, 25b), 32, 35, (23b plus 37)

If Biochemistry is to be taken as a continuation subject in the third year, Chemistry 22 and Physiology 22 must be taken in the second year.

A student who has not completed Botany 11 or Zoology 11 must obtain permission from the department concerned before proceeding to more advanced courses in these subjects.

Students selecting Physics as a continuation subject must also select the following Mathematics courses: 24 or 25 in second year; 37a and 37b in third year; or 37a in third year and 37b in fourth year.

GROUP II (Non-continuation subjects)

SUBJECT	COURSES
Bacteriology	4
Biochemistry	31, 44
Botany	11 to 41
Chemistry	22, 23a, 23b, 24, 32
Geography	12 to 46
Geology	1 to 12b
Genetics	21a to 47a or b
Histology	Anatomy 1a
Mathematics	23a to 28b, 36, 37a, 37b, 38b, 43a, b
Physics	21, 22, 23, 24b, 25, 30, 32, 35a, 43, 44b
Physiology	21 or 22, 31, 41, 41L
Zoology	11, 21, 22, 24, 25, (23b plus 37), 32, 35

GROUP III (Arts subjects)

Economics	History
Education	Latin
English	Music
Fine Art	Philosophy
French	Political Science
Geography	Psychology
German	Sociology
Greek	Spanish

In selecting advanced courses students should consult the departments concerned.

Details of the courses are given on pages 1040 to 1157.

GENERAL REGULATIONS GOVERNING HONOURS COURSES

The conditions for entering Honours courses in Second Year are as follows:

(*a*) The sanction of the Dean and of the departments in which Honours are elected must be obtained.

(*b*) No student may take Honours in a subject in which he has failed to attain at least second class standing in his First Year.

Honours students who fail to attain second class honours standing at the end of the Second or Third Year must revert to the General course in their next and following year or years and fulfil its requirements unless they obtain special leave to continue their honours work from the department or departments interested.

An Honours student who has failed in any subject in the Third Year examinations is not allowed to continue his Honours course except with the consent of Faculty.

A student's whole record during his Second, Third, and Fourth Years will be considered in awarding Honours at graduation.

Students in Honours courses who fail to attain second class honours at graduation, or who succeed in attaining second rank honours only in one of two combined courses, must revert to the list of General students and if they are unable to satisfy the requirements of the General degree they will not be granted a degree.

Honours are awarded by Faculty on the recommendation of the department or departments in which Honours are elected.

THE HONOURS B.Sc. CURRICULUM IN THE SECOND, THIRD, AND FOURTH YEARS

Honours courses begin normally in the second year and are offered in the subjects listed below. Information as to courses to be taken can be found at the end of the descriptive material listed by the appropriate department on pages 1040 to 1157.

Attention is drawn to the fact that lectures are not given on all parts of the work. The examinations for Honours are not necessarily conducted exclusively by the persons who have given the courses.

HONOURS COURSES OFFERED FOR THE B.Sc. DEGREE

Bacteriology and Immunity
Biochemistry
Botany
Chemistry
Functional Biology
Geography
Geological Sciences
Mathematics
Mathematics and Physics
Physiology
Psychology
Zoology

GENERAL HONOURS IN BIOLOGICAL SCIENCES

As indicated above, students may proceed to an Honours Degree in some one of the various Biological Sciences. Alternatively, they may proceed to an Honours Degree in *General Honours in Biological Sciences* (as described below), postponing specialization in a particular Science (including Genetics), until postgraduate years. This General Honours Course provides a balanced study of the Plant and Animal Kingdoms, with a suitable admixture of Genetics, and is a basic training in plant and animal studies. It is of value to pre-teacher, pre-dental, and pre-medical students, and for those who have an interest in the Biological Sciences, but who do not wish for the marked specialization of an Honours Degree in a single Science.

Students who obtain a high second class average in this course are eligible for admission (with approval) to the Faculty of Graduate Studies and Research, but they may have to spend additional time in fortifying their knowledge of a particular field.

Students enrolled in the old *Honours in Functional Biology* and in the *General Honours in Biological Sciences* of the session 1949-50, may continue or, if they wish, according to the curriculum shown in the Arts and Science Announcement of that year, and the transfer is feasible, they may change to the new course. Students who do so transfer may not later revert.

The Honours Curriculum in a particular Biological Science may be found under the appropriate Departmental section.

CURRICULUM OF GENERAL HONOURS IN BIOLOGICAL SCIENCES

Note: Students are reminded that courses chosen in any one year may affect the taking of other courses in subsequent years. *It is essential for this course that Botany 11a and Zoology 11b should be taken in B.Sc. 1.*

Students must apply for entry to this course to the Chairman of the Biological Sciences Group, and must obtain his approval before they will be permitted to register for this General Honours Course.

Prerequisite General First Year B.Sc. with the required standing (at least Second Class). Botany 11a and Zoology 11b *must* be taken as the electives.

2nd year Botany 11b, 21; Chemistry 22; Genetics 21a, 21b; Zoology 11a, 21.

3rd year Botany 23a, 22b, 31; Physiology 22; Zoology 22a, 22b; plus either Zoology 24 or a free option from the list below.

4th year Bacteriology 4; Biochemistry 31; Genetics 32a, plus Genetics 36b or 45a; plus either Zoology 24 or a free option from the list below; plus a fifth course in the form of another free option.

NOTE: Zoology 24 must be taken in one or the other of B.Sc. 3 or B.Sc. 4 *i.e.*, the free option in place of Zoology 24 may not be taken in both these years.

Free options (to be taken where indicated)—

Botany 32, 33; an English course beyond English 100; a French course; Genetics 44 (or any other course in statistics); Genetics 45a; Geography 12; Geology 1; a German course; Philosophy 3; Physics 21; Psychology 21; Zoology 25 plus 25L; Zoology 33.

SUBJECTS AND COURSES REQUIRED FOR THE DEGREE OF BACHELOR OF FINE ARTS

ENGLISH COMPOSITION REQUIREMENT

Every candidate for a degree in this Faculty must satisfy the Department of English (which, in this matter, acts as the agent of Faculty) that he, or she, is competent in English composition. In addition to the other requirements for the degree, therefore, all students, in their first year in the Faculty, must register in English 100C. When a student has succeeded in demonstrating his competence in this course, he, or she, will be dispensed from further attendance at it.

Requirements for all candidates for the B.F.A. degree are the same in the first two years. In the third and fourth years, students are expected to choose one of the three directions for specialization: training for the Fine Arts; training in working for commerce and industry; training for teaching art, leading at the end of the fourth year to a Specialist Certificate in Art in the Protestant Schools of the Province of Quebec.

Only students who entered the first year of the B.F.A. course in or before the session 1949-50 will be admitted to the division of Design for Commerce and Industry.

FIRST YEAR OF THE B.F.A. COURSE

Fine Arts 161
English 100
History
French *or* German

A Science (Botany 11a and Zoology 11b, *or* Zoology 11a and Botany 11b are recommended)

SECOND YEAR OF THE B.F.A. COURSE

Fine Arts 201 *Introduction to Art*
Fine Arts 261 *Drawing and Painting*
Fine Arts 271 *Design*

One additional subject selected from the following fields:

Anthropology	Sociology
Literature	Philosophy
History	Psychology

THIRD AND FOURTH YEARS OF THE B.F.A. COURSE

All students are required to take the following courses:

Fine Arts 301 *History of Art: The European Traditions*
Fine Arts 401a and 401b *History of Art*
Fine Arts 411a *Seminar in Art Criticism*
Fine Arts 499b *Thesis*

A. In addition to the above required courses, students training to be professional artists must take the following:

Third Year: Fine Arts 361 *Drawing and Painting*
Fine Arts 371 *Design*
One additional subject selected from the following fields:

Anthropology	Sociology
Literature	Philosophy
History	Psychology

Fourth Year: Fine Arts 461 *Drawing and Painting*
Fine Arts 471 *Design*

B. In addition to the courses required above, students training to work in Art for Commerce and Industry must take the following:

Third Year: Fine Arts 361 *Drawing and Painting*
Fine Arts 371 *Design*
Fine Arts 381 *Design for Commerce and Industry*

Fourth Year: Fine Arts 461 *Drawing and Painting*
Fine Arts 481 *Design for Commerce and Industry*

C. Students training to be Art Teachers must, in addition, take the following:

In addition to required courses in Psychology and Education, candidates for the specialist certificate, as part of their work in Teaching Methods in Art, will spend a total of 30 days in practice teaching, under expert supervision, divided equally between the elementary and high schools of Montreal and vicinity and the Art Centre of the Montreal Museum of Fine Arts.

Third Year: Fine Arts 361 *Drawing and Painting*
or
Fine Arts 371 *Design*
Fine Arts 391 *Teaching Methods in Art*
Psychology 25 *Educational Psychology*

(Students who have elected Psychology 21 as an additional subject in their second year will be required to take Psychology 33a and 33b.)

Fourth Year: Fine Arts 461 *Drawing and Painting*
or
Fine Arts 471 *Design*
Fine Arts 491 *Teaching Methods in Art*
Education 1 *General Principles of Education*

CONCERNING STUDENTS WHO INTEND TO PROCEED INTO THE PROFESSIONAL FACULTIES

Each regular undergraduate in the faculty is required to register for one of the bachelor's degrees offered, and, unless otherwise instructed by the Dean, must follow the regular work of his year towards this degree.

Although there are no specially organized courses for preparing candidates for other faculties, it is possible to include the prerequisites to entrance to these faculties within the framework of the B.A. and B.Sc. curricula. Students intending to enter one of these faculties later should acquaint themselves with the entrance requirements as shown in the individual Announcements of the faculties.

Students proceeding into the Professional Faculties should note particularly that admission to these Faculties is not automatic: regular application forms must in all cases be submitted in advance of the prescribed dates, accompanied by such other documents as the Faculties may require.

DENTISTRY: At least two years of the B.A. or B.Sc. courses are required for entrance to first year Dentistry. If a student wishes to enter after two such years he must take Physics 11 and Chemistry 11 in his first year in Arts and Science; the other subjects required are Chemistry 22 and Zoology 11a and 11b. (B.A. students should note paragraph 5, page 1020.)

LAW: A minimum of two years in the Faculty of Arts and Science is required for admission into the Faculty of Law. Nevertheless, candidates proceeding to the Bar of the Province of Quebec must be British subjects, hold the degree of B.A. from a Canadian or British University and satisfy the Bar examiners that they have successfully completed "the regular course in Philosophy" in an approved university. Students are advised to take this course in Philosophy before entering the Faculty of Law. The following courses are available: Philosophy 1, 2, 3, and 4 (see page 1115). In addition candidates are expected to have a working knowledge of French.

MEDICINE: The Faculty of Medicine offers the following advice to students proceeding in pre-medical studies at McGill:

1. Absolutely required are courses in Physics, General and Organic Chemistry, and Biology. These requirements can be met by passing Physics 11; Chemistry 11 and 22; and Botany 11a or Zoology 11a followed in either case by Zoology 11b.

2. Other courses chosen for three pre-medical years should be so planned as to give the student more than elementary training in some definite field of knowledge, which may be selected from the Humanities, the Social Sciences, or the Physical or Biological Science. The curriculum for the three years should therefore be planned as a whole, so as to emphasize the selected field. Study in this field should be continued by students who fail to gain admittance to medicine after three years.

3. The curriculum must be in harmony with the requirements of the Faculty of Arts and Science or the B.A. or B.Sc. degree. English 100 and Mathematics will be taken in the First Year. Continuation subject

requirements must be complied with, and these subjects should be related to and reinforce each other, in the spirit of paragraph 2.

4. Students taking a pre-medical course within the B.A. curriculum are advised to take English, Mathematics, Physics, Latin and an elective course (preferably leading to the field of specialization) in the First Year; Chemistry 11 and Biology, the continuation subjects, and a modern language in the Second Year; Chemistry 22, two courses in one continuation subject and one in the other, in the Third Year.

5. Students entering through the B.Sc. curriculum will ordinarily complete the required courses (paragraph 1) very quickly and can proceed to specialize in the selected field. Those who expect to enter Medicine after three years are advised against taking prematurely the medical subjects such as Physiology, Biochemistry, Bacteriology, and Histology. There is, however, a definite place in Medicine for students who have completed an Honours course or a Master's degree in one of these sciences, or in Chemistry, Physics, etc.

6. Courses which are of value as preparation for medical studies, and of which some may be taken as electives or as extras if the curriculum in the major field permits, include Botany 11a, Zoology 11a, Genetics 21a, Psychology 21, Sociology 21, Genetics 21b, Zoology 21, 24, (25, 25b).

7. The Medical College Admission Test, conducted by the Graduate Record Office, should be taken in the second term of the Second Year or the first term of the Third Year.

8. B.A. students should also note paragraph 5, page 1020.

B.A. AND B.Sc. DEGREES FOR STUDENTS IN MEDICINE AND DENTISTRY

Students who have completed with good second class standing three years of the General Course leading to the Arts degree and two years in the Faculty of Medicine or Dentistry will, on application, be recommended by the Faculty of Arts and Science for the B.A. degree, if they have satisfied all the specific requirements of the First, Second, and Third years for the B.A. degree as to subjects, and in each of the second and third years taken three courses in Arts subjects so chosen as to fulfil the requirement of continuation study or its equivalent.

Students completing three years in the course leading to either the Arts or the Science degree and two years in Medicine or Dentistry are entitled to apply to the Faculty of Arts and Science for the degree of B.Sc. Students will not, however, be recommended for the B.Sc. degree unless they have satisfied the specific requirements for that degree or their equivalent. Students with high distinction in the first years of the B.Sc. course who maintain that standing in the first two years in Medicine at McGill will be granted the degree with Distinction or Great Distinction.

SUMMER SCHOOL IN FRENCH

The French Summer School is held every year, commencing in the final week of June and lasting six weeks.

Its courses are distributed among three Sections: A, B, and C, one of which, Section A, is below college standard. They deal with the various aspects of language study as well as literature and civilization. Courses in spoken French are divided into small classes for the purpose of intensive oral drill. In this respect the School definitely supplements the instruction given in the Department in the winter session, when such oral practice is only incidental to the subject-matter of the courses offered and is never the primary objective. It should be noted that the first year course given in the French Section of the Department of Romance Languages is not a beginner's course and is conducted, like all others, entirely in French. (The standard qualification for admission into Section A is two years of High School French.)

For this reason students who find it difficult to understand, speak, or write French are recommended to avail themselves of the special facilities which the School offers in its three sections, and particularly in Sections A and B for a systematic study of the language, oral and written. Section C is specially intended for graduate students or students interested in pursuing higher studies in French.

With the permission of Faculty, courses in Sections B and C may be counted towards the Bachelor's degree in cases where students need to make up the number of courses normally required for the degree. Students in Section C, who attend the School for at least four sessions and satisfy the requirements, can obtain an M.A. in French without having to reside at McGill during any of the winter sessions.

Students receive most benefit from the courses offered by the School if they choose to reside in one of the French Houses, where the use of French at all times is compulsory. Members of the teaching staff live in residence with the students and are constantly in helpful and friendly relationship with them. This informal education through daily association in the Common Room, at meals, and in social activities—which include sports, music, dramatics, and conducted visits through the beauty-spots of the Province of Quebec—is one of the most valued features of the School.

Reduced railway fares from all points in Canada have been arranged.

Applicants should address their inquiries to:

The Director, French Summer School, Arts Building.

SUMMER SCHOOL IN GEOGRAPHY

A Summer School in Geography is held every year at Stanstead College, Stanstead, P.Q., commencing in the final week in June and lasting six weeks. A wide variety of courses is offered and the staff of the Department will be reinforced by notable Visiting Professors.

Applicants should address their inquiries to The Director, Summer School in Geography, Arts Building.

FEES

The regular and special fees payable by students in the Faculty of Arts and Science, including the School of Commerce, are shown below. The University reserves the right, however, to make changes without notice in its published schedule of tuition, residence, and other fees.

TUITION:

REGULAR UNDERGRADUATES

Sessional Fee: Arts	$300.00
Science	325.00
Commerce	325.00
Fine Arts	275.00
Courses repeated or substituted by Conditioned Students, per full course	10.00

LIMITED UNDERGRADUATES AND PARTIAL STUDENTS (Arts Science Commerce and Fine Arts)

Each full course	90.00
Each half course	45.00
Courses in Physical Education taken by Partial Students in Arts, per hour, per week	5.00

a) The maximum tuition fee charged to Partial Students will not exceed the full sessional fee payable by Regular Undergraduates.

b) Graduates of this University taking undergraduate lectures for which no academic credit is sought will pay one-half the Partial Students fee, with a maximum of $200.00.

c) Graduates of the Faculty, who are taking undergraduate lectures for which credit is sought, will pay the full Partial Students fee, with a maximum of $200.00.

d) Partial students, not paying the maximum sessional fee payable by Regular Undergraduates, who desire the full undergraduate athletic and health service privileges, will pay an additional fee of $22.00.

NOTE:—The fees listed above include all the regular charges of the University for registration, tuition, health service (where applicable), laboratories, libraries, physical education and sports (where applicable) and graduation (except *in absentia*). Special fees and penalties are shown below.

EDUCATION STUDENTS

Students in the Graduate Year taking the High School Diploma Course, sessional fee ..... $ 150.00

SUPPLEMENTAL EXAMINATIONS

For students permitted by the Dean to make application to write supplementals, each examination 10.00

INSTALMENT FEE

Fees, if desired, may be paid in two instalments, the first due on the dates shown below, and the second instalment due on the 1st of February following. For this privilege the fee (payable $2.50 with each instalment) is 5.00

STUDENTS' SOCIETIES

The University collects, on behalf of the Students' Societies, the following fee from Regular and Limited Undergraduates 15.00

The men's fee is distributed as follows: McGill Union $3.50; McGill Daily $1.50; Student's Executive Council $9.00; Undergraduate Society $1.00.

The women's fee is distributed as follows: Women's Union $3.50; McGill Daily $1.50; Student's Executive Council $9.00; Undergraduate Society $1.00.

Partial students taking less than three full courses pay $5.00 for the McGill Daily and use of the McGill Union, while those taking three or more full courses pay the regular Students' Society fees.

GROUNDS FEE

For the use of outdoor games facilities including tennis courts and rinks. Fee payable by Partial Students who do not pay for full athletic and health service privileges 5.00

HEALTH SERVICE

Fee payable by Partial Students taking three or more courses, who do not pay for full athletic privileges and health service ... 7.00

BOARD AND RESIDENCE

DOUGLAS HALL OF RESIDENCE—(for men)

Normal fee for students in Arts, Science and Commerce	685.00
Additional periods beyond regular session, per diem	3.00

WILSON MEMORIAL HALL—(for men)

Normal fee for students in Arts, Science and Commerce	650.00
Additional periods beyond regular session, per diem	3.00

ROYAL VICTORIA COLLEGE—(for women)

Sessional fee	685.00
Additional periods beyond regular session, per diem	3.00

Note: A House Fee, as shown below, is collected by the University on behalf of the Resident Student's Society, and is payable with the Board and Residence fees: Douglas Hall $6.00, Wilson Hall $5.00, Royal Victoria College $8.00.

ROOM DEPOSIT

A room deposit of $10.00 for Douglas Hall and Wilson Hall, and $25.00 for the Royal Victoria College is required before June 1st each year in order to reserve a room for the next session. Application, accompanied by remittance, should be made to the Warden of the residence concerned. The deposit should be deducted when paying fees.

MISCELLANEOUS FEES:

Graduation *in absentia*	10.00
Duplicate Diploma	10.00
Certified Copy of Student's Record	1.00
Additional Copies (at same time), each copy	.50
Certificate of Exemption from Matriculation	2.00
Library Fee—for use of the University Library by graduates of this and other Universities, annually	5.00

PENALTIES:

Late Registration—(unless excused by the Dean):	
For registration after the appropriate date	5.00
For registration more than one week after the appropriate date	10.00
Late Medical Examination—(imposed by University Medical Officer)	2.00

LATE PAYMENT OF FEES:

For payment of fees after October 5th, 1951 ..... 2.00

For payment of second instalment of fees after February 1st, 1952 ..... 2.00

DATES OF PAYMENT:

The University does not issue bills for fees. Each student is required, at the time of registration, to complete a form giving full details of his fees for the session. This form provides a detailed statement to accompany remittances sent in by mail.

Fees are due and payable at the Accounting Office during the hours 9:00 a.m. to 4:00 p.m., Saturday 9:00 a.m. to 12 noon, from Friday, September 21st, 1951 to Friday, October 5th, 1951 inclusive. If desired, fees may be remitted by mail on or before the due dates.

A late fee of $2.00 is charged for payment after the specified dates.

PAYMENT OF FEES BY INSTALMENTS:

Fees may be paid in two instalments, one at the beginning of the session, and one on February 1st. In such cases the Instalment Fee of $5.00 is charged.

1ST INSTALMENT:

Divide Tuition, Board and Residence, Student's Societies, and Instalment Fees in half. All other fees and deposits are payable in full with first instalment.

2ND INSTALMENT:

Balance of Tuition, Board and Residence, Students' Societies and Instalment Fees.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the following paragraph:

As soon as possible after the prescribed dates for the payment of fees the Chief Accountant will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Deans will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

REGULATIONS CONCERNING REMISSION OF FEES TO STUDENTS WHO LEAVE THE UNIVERSITY DURING THE COURSE OF THE ACADEMIC YEAR

1. Students withdrawing from the University must cancel their registration at the Registrar's Office.

2. In the case of students who, in spite of the fact that they leave the University before the end of the academic year, receive full credit for the year towards their degree, there shall be no refund of fees.

3. In the case of students who leave during the academic year and do not receive credit beyond the period of their attendance the fees shall be remitted on the following basis:

   (a) In those Faculties where the academic year is divided into two terms, half of the annual fees shall be remitted to a student who leaves prior to the beginning of the second term.

   (b) In those Faculties where the year is divided into three terms, one-third of the fees shall be returned for each term that begins after the departure of the student.

4. No fees shall be refunded for any term during which the student has attended classes, even though he leaves before the term has finished.

5. Residence fees are payable for the full academic year and shall not be refunded.

6. Students' Activities fees shall not be refunded.

Courses of Lectures in Arts and Science

The following pages show the courses offered in the Faculty arranged according to Departments. These courses are listed by numbers and where a small letter follows a number the term in which the course is given is indicated: e.g., Botany 11a is given in the first term (October to January), Economics 341b in the second term (January to April).

In addition the words "full course," "half course," etc. indicate the course value. The letter L indicates laboratory and S a special course.

Unless otherwise stated, a full course begins in October and ends in April, whereas half courses are given in the term indicated. The number of hours of lectures given each week is shown immediately below the number of the course, and laboratory or conference hours are indicated separately.

An official time table is prepared for the registration periods; any times shown herein are only tentative.

It is the responsibility of each student to make sure at the time of registration that there is no conflict in the time table of the courses which he proposes to follow.

Any course may be cancelled because of insufficient registration.

ANATOMY

Robert Reford Professor	C. P. MARTIN, *Chairman*
Professor	C. P. LEBLOND
Assistant Professor	D. S. FORSTER
Lecturers	E. WALTER WORKMAN
	PHOEBE L. COX
	CATHERINE E. STEVENS

Before registering for the following course, students must consult the Chairman of the Department to ensure that they are qualified to undertake the work.

MICROSCOPIC ANATOMY

1a. HISTOLOGY. (Half course). The course, which corresponds to Anatomy 6 in the medical curriculum, consists of three weekly classes during the first half year. The course begins at the opening of the medical session, in September.

Two lectures and six hours laboratory per week, from approximately September 6th to the end of February.

Text: Bailey, Textbook of Histology.

BACTERIOLOGY AND IMMUNOLOGY

Professor	E. G. D. MURRAY, *Chairman*
Associate Professors	J. W. STEVENSON G. G. KALZ
Assistant Professors	C. D. KELLY J. DE VRIES
Lecturers	ANNE M. MASSON R. H. ELDER F. A. JAFFE FRANCES H. PRISSICK
Demonstrator (Teaching Fellow)	J. J. STOCK

In addition to its courses in the Faculty of Medicine, the Department offers the following to students in the Faculty of Arts and Science:

3. BACTERIOLOGY AND IMMUNOLOGY (3 Full Courses) for Honours B.Sc.

October 1st to April 18th (approximately): Three lectures per week and three laboratory periods.

The class is limited in size and priority is given to Honours students in their fourth year. Partial students in the Faculty of Arts and Science and in the Faculty of Graduate Studies are admitted only if they have suitable qualifications and if there are vacancies

77 lectures and 308 hours practical work with 50 hours discussion periods through the year (3 full courses). Students are required to write a review of the literature on a selected topic. Biochemistry 45 (lectures only) is compulsory. One other course is to be selected by the students.

4. ELEMENTARY BACTERIOLOGY (Full Course)

Jan. 10th to April 18th (approximately): Three lectures per week and two laboratory periods.

43 lectures and 81 hours of practical work.

Available also to Graduate Students.

Texts: Zinsser's Textbook of Bacteriology, Ed. by Smith and Martin (Appleton-Century-Crofts Inc.); Topley and Wilson's Principles of Bacteriology, revised by Wilson and Miles (Edward Arnold Co.); D. H. Bergey, Manual of Determinative Bacteriology (Williams and Wilkins); E. O. Jordan and W. Burrows, Textbook of Bacteriology (W. B. Saunders Co.); C. G. Anderson, An Introduction to Bacteriological Chemistry (Macmillan Co. of Canada); Martin Frobisher Jr., Fundamentals of Bacteriology (W. B. Saunders Co.); N. P. Sherwood, Immunology (C. V.

Mosby Co.); H. Zinsser, J. F. Enders, and L. D. Fothergill, Immunity Principles and Application in Medicine and Public Health (Macmillan Co.); R. J. Dubos, The Bacterial Cell (Harvard University Press); K. Landsteiner, The Specificity of Serological Reactions (Harvard University Press); F. M. Burnett, Virus as Organism (Harvard University Press); R. J. Dubos, Bacterial and Mycotic Infections of Man (Lippincott); T. M. Rivers, Viral and Rickettsial Infections of Man (Lippincott); E. F. Gale, The Chemical Activities of Bacteria (University Tutorial Press, London); J. R. Porter, Bacterial Chemistry and Physiology (John Wiley & Sons); A. J. Salle, Fundamental Principles of Bacteriology (McGraw-Hill); A. J. Rhodes and C. E. van Rooyen, Textbook of Virology (Nelson); S. P. Bedson, et al, Virus and Rickettsial Diseases (Arnold).

CURRICULUM FOR B.SC. HONOURS IN BACTERIOLOGY AND IMMUNOLOGY

Prerequisite: An aggregate standing of high second class must be obtained in the subjects submitted for the First Year and good standing maintained in subsequent years.

The Chairman of the Department should be consulted in selecting subjects to be studied in the Second and Third Years.

The following course of study has been found suitable for most students but may be modified to suit individual cases.

First Year: First year B.Sc. preferably including Botany 11a, Zoology 11b.

Second Year: Physiology 22; Botany 11b; Zoology 11a; Chemistry 22 and 24; Genetics 21.

Third Year: Biochemistry 31; Zoology 22a; Botany 23a and 23b, Zoology 25; Bacteriology 4, and one elective course.

Students in Medicine who have done sufficiently well in their Medical Bacteriology and in their Medical studies in general will be admitted to Course 3.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

BIOCHEMISTRY

Professors	D. L. Thomson, *Chairman*
	J. H. Quastel
Associate Professors	O. F. Denstedt
	K. A. C. Elliott
	R. D. H. Heard
Sessional Lecturer	Judith Saffran

31. GENERAL PHYSIOLOGICAL CHEMISTRY. (Full course with Laboratory). A general survey of the chemistry of carbohydrates, fats, steroids, and proteins, their transformations in the body, and the composition of the body in health and disease. Two laboratory periods per week, October to February.

2 hours plus laboratory *Professor Thomson*

Prerequisite: Chemistry 22, Physiology 22.

Texts: Bodansky, Introduction to Physiological Chemistry (Wiley); Williams, Text-book of Biochemistry (van Nostrand); Mitchell, Text-book of Biochemistry (McGraw-Hill). The Department issues a synopsis of the laboratory course.

32. ENDOCRINOLOGY. (Half course.) The chemistry and pharmacology of the hormones.

1 hour *Professor Thomson*

Text: Grollman, Esstntials of Endocrinology (Lippincott).

NOTE:—The Medical course in Biochemistry consists of courses 31 and 32 and of course 33, three lectures weekly in May on Pathological Chemistry and Nutrition. Dental students may omit course 32. Course 33 carries no credit in Arts and Science and is not normally open to students of that Faculty.

34. SUPPLEMENTARY BIOCHEMISTRY. (Half course.) For Honours students in the Department only. A tutorial course parallel to 31.

1 hour *Staff*

43. ADVANCED BIOCHEMISTRY. (Full course.) A detailed study of the organic chemistry of carbohydrates, fats, steroids, amino-acids, and proteins.

3 hours *Professor Denstedt*

Texts: Harrow & Sherwin, Text-book of Biochemistry (Saunders); Hawk, Oser, and Summerson, Practical Physiological Chemistry (Blakiston); Gortner, Outlines of Biochemistry (Wiley).

43L. LABORATORY. (One and one half courses.) For Honours students in the Department only.

4 periods *Dr. Saffran*

Prerequisite: Biochemistry 31, Chemistry 23.

44a. NUTRITION. (Half course.) Human requirements for calories, protein, and other nutrients; the chemical nature, detection, occurrence, and physiological function of the vitamins; the essential minerals.

First term: 3 hours *Professor Thomson*

Prerequisite: Biochemistry 31.

Text: Sherman, Chemistry of Food and Nutrition (Macmillan).

44b. PROTEIN PHYSICAL CHEMISTRY. (Half course). The physico-chemical properties of solutions of amino-acids and proteins, including conjugated proteins and enzymes; ionic reactions, molecular size and shape, solubility, optical properties, enzyme kinetics.

Second term: 3 hours *Professor Thomson*

Prerequisite: Biochemistry 31, Chemistry 24; Biochemistry 43 should be taken concurrently.

Texts: Schmidt, Chemistry of the Amino Acids and Proteins (Thomas); Cohn and Edsall, Proteins, Amino Acids and Peptides (Reinhold); Haurowitz, Chemistry and Biology of Proteins (Academic Press).

45. OXIDATION AND METABOLISM. (Full course). The nature of biological oxidations and reductions and the enzymes concerned therewith, especially from the point of view of transfer of energy; the reactions of intermediary metabolism of organic foodstuffs as studied by isotope and other methods.

2 hours *Professors Thomson and Quastel*

Prerequisite: Biochemistry 31.

Text: Baldwin, Dynamic Aspects of Biochemistry (C.U.P.).

Reference Books: Soskin and Levine, Carbohydrate Metabolism (Univ. of Chicago Press); Green, Currents in Biochemical Research (Interscience Publishers).

HONOURS COURSE IN BIOCHEMISTRY

First Year

First Year B.Sc., Zoology 11 recommended.

Second Year

Physiology 22.
Chemistry 22, 23a, 23b.
Zoology 21.
Mathematics 24 or 23a, or Chemistry 24, or Physics 21.

Third Year

Chemistry 24 (if not already taken).
Biochemistry 31, 34.
Physiology 31.
Bacteriology 4.
Quota of five courses to be completed from: Chemistry 32, Mathematics 24 or 23a, Physics 30, Genetics 44, Biochemistry 32.

Fourth Year

Biochemistry 32 (if not already taken), 43, 43L, 44a, 44b, 45.
Changes in this programme may be permitted in special cases.

BOTANY

Professor — MURIEL V. ROSCOE, *Chairman*

Associate Professors — R. D. GIBBS; S. M. PADY

Assistant Professor — E. R. WAYGOOD

11a. GENERAL BOTANY. The Seed Plant (Half course). The structure, functioning, and reproduction of higher plants, with an introduction to the major families of flowering plants and their economic significance.

First term: 2 hours lecture and 3 hours laboratory *Professor Pady*

11b. GENERAL BOTANY. A Survey of the Plant Kingdom (Half course). A study of representatives of the main plant groups on an evolutionary basis.

Second term: 2 hours lecture and 3 hours laboratory *Professor Gibbs*

21. TAXONOMY OF THE HIGHER PLANTS (Full course). A practical introduction to the morphology and classification of the seed plants, giving special attention to the identification and significance of Canadian species.

2 hours lectures and 3 hours laboratory *Professor Gibbs*

Prerequisite: Botany 11a or 11b.

22b. PLANT ANATOMY (Half course). A detailed study of the organization of vascular plants; internal structure viewed in relation to function and evolution.

Second term: 2 hours lecture and 3 hours laboratory *Professor Roscoe*

Prerequisite: Botany 11a.

23a. MYCOLOGY (Half course). General characteristics of the fungi, morphology and classification, life cycles and economic importance. Particular reference is given to the Myxomycetes, Phycomycetes and Ascomycetes.

First term: 2 hours lectures and 3 hours laboratory *Professor Pady*

Prerequisite: Botany 11b.

23b. MYCOLOGY (Half course). Morphology and classification of the Basidiomycetes and Fungi Imperfecti with emphasis upon cultural techniques.

Second term: 2 hours lectures and 3 hours laboratory. *Professor Pady*

Prerequisite: Botany 23a.

31. PLANT PHYSIOLOGY (Full course). A general introduction to the study of the physiological functioning and reactions of plants. Topics such as water relations, photosynthesis, mineral nutrition, respiration, growth, and metabolism are discussed in detail.

2 hours lectures and 3 hours laboratory *Professor Waygood*

Prerequisite: Botany 11a and Chemistry 22.

32. MORPHOLOGY AND TAXONOMY OF THE LOWER PLANTS (Full course). Life histories, structure, and relationships of the Algae, Fungi, Lichens, Mosses and Liverworts, Ferns, and other non-flowering plants.

2 hours lectures and 3 hours laboratory *Professor Gibbs*

Prerequisite: Botany 11b.

*33. PLANT BIOCHEMISTRY (Full course). Chemistry, occurrence, and roles of organic materials found in plants, and methods for their detection and estimation. Some reference is made to economic uses of plants.

2 hours lectures and 3 hours laboratory (6 hours laboratory for graduate and honours students) *Professor Gibbs*

Prerequisite: Botany 11a or 11b, Chemistry 22.

*41. MICROTECHNIQUE (Full course). Methods of preparing plant material for microscopical study, with practical experience in fixing, embedding (both paraffin and celloidin), cutting, and staining.

1 hour lecture and 6 hours laboratory *Professor Roscoe*

Prerequisite: Botany 22b.

*42. SPECIAL TOPICS (Full course or half course). Prescribed reading, conference, and practical work in selected subjects such as Ecology, Phytogeography, Mycology, Physiology, Taxonomy of Special Groups, Anatomy, and Biochemistry.

The Staff

*43a. PLANT ECOLOGY (Half course). A study of the effects of climate and soil factors on plant growth leading to an interpretation of the evolution, distribution and succession of plant communities. Reference will be made to methods of ecological studies in conservation, forestry, and agriculture practices.

First term: 2 hours lectures and 3 hours field, conference or laboratory.

Professor Waygood

Prerequisites: Botany 11 and Botany 21 (except with special permission).

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*Courses for Advanced and Graduate students.

44a. ECONOMIC BOTANY (Half course). The origins and history of plants of economic importance. The general morphology and chemistry of the plant parts utilized.

First term: 2 hours lectures and 3 hours laboratory *Professor Gibbs*

Prerequisites: Botany 11b, and Botany 21.

To be given in alternate years. First offered in the session 1952-53.

HONOURS COURSE IN BOTANY

NOTE:—The Honours Course in Botany prepares students for graduate work in the departments of Genetics and Plant Pathology as well as Botany. Allowing as it does for considerable study of other biological subjects, it forms also a suitable preparation for the teaching of Biology in schools.

A full course in Zoology is required for Honours in Botany. This should be taken, preferably, in the early years of the course.

First Year: Students must take a full course in Botany (Botany 11a and 11b) or a half course in Botany and a half course in Zoology as their elective in the B.Sc. program.

Second Year: The general second year requirements are satisfactory as long as Chemistry 22 and a course in Botany are included. If Botany 11 has been completed in the first year, Botany 21 or 22b and 23a should be taken. The Arts subject is optional.

Third Year: Botany 21, 22b, 23a, and 31 must be included if not already taken. Additional courses are to be selected from cognate fields with the advice of the Department.

Fourth Year: Three of the remaining Botany courses are required, together with two other courses selected with the approval of the Department.

CONTINUATION COURSES IN BOTANY

Second Year: Botany 11, or 21, or 22b and 23a.

Third Year: Botany 21 to 43a.

Fourth Year: Botany 21 to 44a.

A student who has not completed Botany 11 must obtain permission from the Department of Botany before proceeding to more advanced courses in Botany.

GENERAL HONOURS IN BIOLOGICAL SCIENCES

Students who desire a planned course of study of plants and animals should consult the program drawn up for "General Honours in Biological Sciences".

CHEMISTRY

Professors	Otto Maass, *Chairman*
	W. H. Hatcher
	C. B. Purves
	C. A. Winkler
Associate Professors	J. H. Mennie
	R. V. V. Nicholls
	Alfreds Taurins
Assistant Professors	R. K. Holcomb
	A. S. Ross
	H. I. Schiff
Honorary Lecturers	W. B. Campbell
	S. G. Mason
	J. H. Ross

11. GENERAL CHEMISTRY (Full Course). (Fac. Eng. 902.) General survey of chemical theory and of inorganic chemistry, including atomic and kinetic theories, equivalent, atomic and molecular weights, gases, liquids, solids, solutions, ionization, oxidation and reduction, velocities of reactions, chemical equilibrium, heats of reaction, electromotive series, periods table, preparation and properties of important elements and compounds.

2 hours, one tutorial and 3 hours laboratory.

Professors Hatcher and Holcomb

Prerequisites: Physics 11 and Mathematics 11a, 12b (or their equivalents) unless taken concurrently.

References: Brinkley, Introductory General Chemistry (Macmillan); Briscoe, General Chemistry for Colleges, 4th ed. (Houghton-Mifflin); Hatcher, Introduction to Chemical Science, (Wiley); Jones, Inorganic Chemistry, (Blakiston); Pauling, General Chemistry (Freeman); Richardson Scarlett, General College Chemistry, (Holt); Schlesinger, General Chemistry, (Longman); Timm, General Chemistry, (McGraw Hill).

Laboratory: *Professor Holcomb and Demonstrators*

Preparation and properties of certain non-metals and compounds; experiments illustrative of important theories: quantitative experiments (including volumetric analysis); introduction to qualitative analysis.

22. ORGANIC CHEMISTRY (ELEMENTARY) (Fac. Eng. 948.) (Full course). Special characteristics of carbon and its compounds; the principles of

functionality, homology, and isomerism; nomenclature, occurrence, preparation, physical and chemical properties, and uses of the more important organic compounds.

2 hours, one tutorial, and 3 hours laboratory.

Professors Hatcher, Nicholls and Demonstrators

Prerequisite: Chemistry 11 and Physics 11 or their equivalents.

Texts: Lowy and Harrow, Organic Chemistry (Wiley) 6th edition: Nicholls, An Introduction to Practical Organic Chemistry (Pitman).

23a. ANALYTICAL CHEMISTRY (ELEMENTARY) (Fac. Eng. 942.): QUALITATIVE ANALYSIS (Half course). Reactions of electrolytes in solution; ionization constant; solubility product constant; common-ion effect; formation and dissolution of precipitates; complex ions; emphoteric electrolytes; hydrolysis, etc.

Laboratory: Systematic separation and identification of the common ions.

Half session: 2 hours and 6 hours laboratory.

Professor Mennie and Demonstrators

Prerequisites: Chemistry 11.

Text: Curtman, Qualitative Chemical Analysis (Macmillan).

23b. ANALYTICAL CHEMISTRY (ELEMENTARY) (Fac. Eng. 944): QUANTITATIVE ANALYSIS (Full Course). Theory of gravimetric and volumetric precipitation; theory of indicators and acid-base titrations; oxidation-reduction methods.

Laboratory: Simple gravimetric determinations; typical volumetric procedures, neutralization, precipitation and oxidation-reduction methods. All samples are solids which must be weighed and brought into solution by the student.

Half session: 2 hours and 9 hours laboratory.

Professor Mennie and Demonstrators

Prerequisite: Chemistry 11.

Text: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

24. PHYSICAL CHEMISTRY (ELEMENTARY) (Full course). Fundamental physico-chemical topics including states of matter, equilibria, electrochemical phenomena, chemical kinetics, thermo-dynamics.

2 hours, one tutorial. *Professor Maass*

Prerequisites: Chemistry 11, Physics 11.

Text: Maass and Steacie, Introduction to the Principles of Physical Chemistry, second edition (Wiley).

24p. PHYSICAL CHEMISTRY PROBLEMS (Half course). Problems to illustrate physico-chemical principles and provide practice in handling experimental data and dimensional units.

1 hour *Professor Schiff and Demonstrators*

31. ATOMIC STRUCTURE AND VALENCE THEORIES (Full course).

First term: 3 hours *Professor Mennie*

Prerequisite: Chemistry 11, Physics 11, Mathematics 24 or 25.

32. ORGANIC CHEMISTRY (ADVANCED) (Fac. Eng. 962) (Full course).

2 hours *Professor Nicholls*

32L. LABORATORY. (Half course). Electronic character, methods of synthesis, physical, chemical, and physiological properties of principal bonds and functional groups in organic compounds; reaction mechanisms, interaction of functional groups, industrial applications of organic compounds.

6 hours *Professor Nicholls and Demonstrators*

Prequisite: Chemistry 22.

Laboratory Text: Fieser, Experiments in Organic Chemistry (Heath).

33a. QUANTITATIVE ANALYSIS. For Honours Chemistry students only. (Full course). Oxidation-reduction reactions; electrolytic analysis; buffer action and application in systematic analysis.

Laboratory: Volumetric and gravimetric procedures and systematic analysis of limestone and brass.

First term: 1 hour lecture, 12 hours laboratory.

Professor Mennie and Demonstrators

Text: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

34. KINETIC THEORY (Fac. Eng. 972) (Half course). Kinetic theory of gases; fundamental mathematical relations for molecular velocity, collision frequency, viscosity, thermal conductivity, diffusion, etc.; imperfect gases.

1 hour *Professor Winkler*

Prerequisites: Chemistry 24, Mathematics 24 or 25.

Text: Loeb, Kinetic Theory of Gases (McGraw-Hill).

34L. ELEMENTARY PHYSICAL CHEMISTRY LABORATORY (Half course). Simple physio-chemical methods of investigating kinetic and thermodynamic properties of gases, liquids, and solutions.

3 hours laboratory. *Professor A. S. Ross and Demonstrators*

Text: Daniels, Mathews, and Williams, Experimental Physical Chemistry, 4th ed. (McGraw-Hill).

35. THERMODYNAMICS (Full course). (Fac. Eng. 964.) First and second laws, entropy, free energy, fugacity and activity, partial molal quantities, Debye-Huckel theory.

2 hours *Professor Winkler*

Prerequisites: Chemistry 24 and Mathematics 24 and 25.

Texts: Steiner, Introduction to Chemical Thermodynamics (McGraw-Hill); Lewis and Randall, Thermodynamics (McGraw-Hill).

40. CHEMISTRY AND TECHNOLOGY OF HIGH POLYMERS (Fac. Eng. 966) (Half course). Organic (carbon) and inorganic (silicon) polymers; nature of polymeric molecules; relationship between molecular structure and physical, chemical, and mechanical properties; experimental methods for controlling and determining structures of polymers; properties of commercially available materials; methods of fabrication.

1 hour *Professor Nicholls*

Prerequisites: Chemistry 22 and 32 (the latter course may be taken concurrently).

41. INORGANIC CHEMISTRY (Full course). Descriptive inorganic chemistry based on the Periodic Table.

Second term: 3 hours *Professor Mennie*

Prerequisite: Chemistry 31a.

42. STEREOCHEMISTRY (Full course). Optical and geometrical isomerism with examples from carbohydrate, fat, and protein chemistry; spatial factors affecting reactivity of organic compounds.

2 hours. *Professor Taurins*

Prerequisite: Chemistry 32.

42L. ORGANIC CHEMISTRY LABORATORY. For Honours Chemistry students only (Half course). Practical organic chemistry, including synthetic, purification and analytical procedures.

First term: 9 hours laboratory. *Professor Taurins and Demonstrators*

43b. ANALYTICAL CHEMISTRY. For Honours Chemistry students only (Half course). Special methods of quantitative analysis; colorimetric analysis; colorimetric and potentiometric pH measurement; potentiometric and conductometric titrations; polarography; methods involving organic reagents and complex formation; etc.

Second term: 1 hour and 6 hours laboratory

Professor Mennie and Demonstrators

Texts: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan); Kolthoff and Laitinen, pH and Electro-titrations (Wiley).

44. PHYSICAL CHEMISTRY (ADVANCED) (Fac. Eng. 982) (Half course). Chemical kinetics; rates of homogenous and heterogeneous reactions; activation energy; theories of reaction mechanisms; Phase Rule.

First term: 2 hours

Second term: 1 hour *Professors Winkler and A. S. Ross*

Prerequisites: Chemistry 34, 35.

Texts: Taylor, Treatise on Physical Chemistry (Van Nostrand); Glasstone, Text-book of Physical Chemistry (Van Nostrand).

44L. ADVANCED PHYSICAL CHEMISTRY LABORATORY. (Full course.) More advanced physico-chemical methods of investigating kinetic and thermodynamic properties of gases, liquids, solutions, and colloids.

6 hours laboratory. *Professor A. S. Ross and Demonstrators*

Prerequisites: Chemistry 34, 35, 34L.

Text: Daniels, Matthews, and Williams, Experimental Physical Chemistry, 4th ed. (McGraw-Hill).

45. THERMODYNAMICS (ADVANCED). For Honours Chemistry students only (Full course).

2 hours *Professor Schiff*

Prerequisite: Chemistry 35.

Texts: Steiner, Introduction to Chemical Thermodynamics (McGraw-Hill); Lewis and Randall, Thermodynamics (McGraw-Hill); Wenner, Thermochemical Calculations (McGraw-Hill).

46. COLLOID CHEMISTRY (Fac Eng. 986) (Half course). Descriptive thermodynamic and kinetic treatment of properties of surfaces, sols, emulsions, gels.

1 hour *Professor A. S. Ross*

Prerequisites: Chemistry 34, 35.

Texts: Hartman, Colloid Chemistry (Houghton-Miffin); Weiser, Colloid Chemistry (Wiley); Adam, Physics and Chemistry of Surfaces (Oxford); Brunauer, Adsorption of Gases and Vapors, Vol. I (Princeton).

47a. ELECTROCHEMISTRY (Fac. Eng. 988) (Half course). Electrolytic conduction and electrolysis; Faraday's laws; specific and equivalent conductance and measurement of conductance; mobility and transport number; theory of strong electrolytes; thermodynamics of cells; electrode potentials; concentration cells; liquid junction potentials; overvoltage and polorization phenomena, etc.

First term: 2 hours *Professor A. S. Ross*

Prerequisites: Chemistry 34, 35.

Texts: Glasstone, Introduction to Electrochemistry (Van Nostrand): Creighton, Electrochemistry (Wiley).

60. THE CHEMISTRY OF DAILY LIFE (Full course). For students in Arts, the School for Graduate Nurses, and others who wish to gain an insight into the importance of chemistry. No previous knowledge of the subject is required. Demonstrations take the place of formal laboratory operations. Major branches of chemistry discussed are Inorganic, Organic, and Food.

2 hours *Professor Hatcher*

Text: Hatcher, An Introduction to Chemical Science, 2nd edition (Wiley).

70. SCIENCE IN ECONOMIC LIFE III. For B.Com. students (Full course). Detailed discussion of important chemical industries, their bearing upon the utilization of natural resources, and their importance both nationally and internationally.

2 hours *Professor Hatcher*

Text: Selected readings and essays.

72a. ORGANIC CHEMISTRY (ELEMENTARY) (Half course). A course in elementary organic chemistry especially designed for degree students in Nursing and Physical Education.

First term: 3 hours and 3 hours laboratory.

Professor Nicholls and Demonstrators

Prerequisites: Chemistry 11 and Physics 11, or equivalents.

73b. INORGANIC QUANTITATIVE ANALYSIS AND LABORATORY. Theory of indicators and acid-base titrations; oxidation-reduction titrations; gravimetric and volumetric precipitation; representative laboratory procedures illustrating the above. This course is especially designed for students specializing in Geology.

1 lecture and 6 hours laboratory per week, second term. *Professor Mennie*

Prerequisite: Chemistry 23a.

Textbook: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

B.Sc. HONOURS COURSE IN CHEMISTRY

This course begins in the Second Year. First Year students intending to take Honours in Chemistry should consult the Department before the end of the session.

Prerequisites: At least good second class standing in Chemistry 11, Mathematics 11a, 12b and Physics 11 or their equivalents. It is desirable that students should have taken a course in German in the first year.

Second year: Chemistry 22, 23a, 23b, 24, 24P; Mathematics 24 or 25; Physics 22.

Third Year: Chemistry 31a, 31b, 32, 32L, 33a, 34, 34L, 35; Mathematics 37; Physics 23.

Fourth Year: Chemistry 42, 42L 43b, 44, 44L, 45, 46, 47; Mathematics 47.

NOTE:—Students anticipating specialization in Chemistry are recommended to include Intermediate Mathematics in their Junior Matriculation subjects. If they enter by Senior Matriculation they should include Co-ordinate Geometry in this examination.

GENERAL COURSE STUDENTS

B.Sc.—Chemistry courses may be taken in the following years providing necessary prerequisites have been passed: *Second and Third years*, Chemistry 22 or 24; *Third year*, Chemistry 24 or 22; *Fourth year only*, Chemistry 23a, 23b, or 32 or other courses by special permission of the Department.

B.A. students normally are admitted to Chemistry 11 only in their second year *after* passing Physics 11 in their first year and if they plan to take a Chemistry course in a later year. Otherwise they should take Chemistry 60.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

CLASSICS

Professor	CLIVE H. CARRUTHERS, *Chairman*
Professor (post-retirement)	W. D. WOODHEAD
Associate Professors	E. M. COUNSELL
	PAUL F. MCCULLAGH
Assistant Professor	COLIN D. GORDON
Sessional Lecturer	G. A. R. VALLILLEE

GREEK

All students taking Honours in Greek are expected to provide themselves with a grammar, a Greek-English dictionary, a classical dictionary, and an atlas of ancient geography. The following are recommended: Goodwin, Greek Grammar (Ginn & Co.); Liddell and Scott, Greek Lexicon (abridged or intermediate); Atlas of Ancient and Classical Geography; and Smith, Smaller Classical Dictionary (Everyman Series, Dent).

1. BEGINNERS' GREEK. First year. See requirements on page 1017 (Full course).

3 hours. *Professor McCullagh*

Texts: Rouse, A First Greek Course (Blackie); Colson, First Greek Reader (Macmillan).

2. INTERMEDIATE GREEK (Full course). Greek 21 or 22 may be taken by qualified students in the General Course. For further information consult the Chairman of the Department.

3 hours. *Professor Carruthers*

Text: Colson Greek Reader: Lectures on Greek Literature.

HONOURS COURSES IN GREEK

Second, Third and Fourth year students in the General Course may, with the consent of the Department, take the Honours courses listed below.

21. GREEK. Second year (Full course).

3 hours. *Professor Gordon*

Texts: Lucian, Vera Historia (Jerram, Clarendon Press); Benner, Selections from Homer (Appleton Century).

22. GREEK. Second year (Full course).

3 hours. *Professor Counsell*

Texts: Euripides, Alcestis (Bayfield, Macmillan); Herodotus II, Selections (Waddell): Prose Composition.

31. GREEK. Third year (Full course).

3 hours. _____

Texts: Homer, Odyssey (two books); Aristophanes, Clouds.

32. GREEK Third year. (Full course).

3 hours. *Professor McCullagh*

Texts: Sophocles, Oedipus Rex; Thucydides, Book 7; Sight Translation.

33. GREEK. Third Year (Full course).

3 hours. *Professor McCullagh*

Texts: Plato, Selections (Forman); Euripides, Medea.

41. GREEK. Fourth year (Full course).

3 hours. _____

Texts: Aristophanes, Birds; Aeschylus, Prometheus Vinctus.

42. GREEK. Fourth year (Full course).

3 hours. _____

Texts: Plato, Republic (Selections); Aristotle, Ethics (Selections); Sight Translation.

LATIN

All students taking Honours in Latin are expected to provide themselves with a grammar, a Latin-English dictionary, and an atlas of ancient geography. The following are recommended: Allen and Greenough, New Latin Grammar (Ginn & Co.); Lewis, School Dictionary, or Cassell's Latin Dictionary; Atlas of Ancient and Classical Geography; and Smith, Smaller Classical Dictionary (Everyman's Series, Dent).

1. BEGINNERS' LATIN. First year (Full Course). This course is designed to satisfy the First Year requirements for the B.A. degree for students who have been admitted on some other basis than that of passing the Latin of the McGill School Certificate or the Quebec High School Leaving Examination.

See requirements on page 1017.

3 hours. *Professor Counsell*

Text: Hettich and Maitland, Latin Fundamentals, Third Edition (Prentice-Hall).

2. INTERMEDIATE LATIN (Full course). For those students only who have completed Latin 1 or its equivalent.

3 hours. *Professor Gordon*

Text: Hettich and Maitland, Latin Fundamentals, Third Edition (Prentice-Hall).

11. LATIN. First year (Full course).

3 hours.

Texts: Ullman, Henry and White, Third Latin Book (Macmillan); Bonney and Niddrie, Latin Prose Composition (Ginn).

HONOURS COURSES IN LATIN

Second year, Third year, and Fourth year students in the General Course may, with the consent of the Department, take the Honours courses listed below.

21. LATIN. Second year (Full course).

3 hours. *Mr. Vallillee*

Texts: Vergil, Aeneid VI (Sidgwick, C.U.P.); Cicero, De Senectute (Reid, C.U.P.).

22. LATIN. Second year (Full course).

3 hours. *Professor Counsell*

Texts: Westcott, Selections from Pliny's Letters (Allyn and Bacon); Horace, Odes (Selections).

31. LATIN. Third year (Full course).

3 hours. *Professor McCullagh*

Texts: Livy, Book XXI (Dimsdale, C.U.P.); Ovid, Metamorphoses (Chase and Stuart, Noble & Noble).

32. LATIN. Third year (Full course).

3 hours. *Professor Carruthers*

Texts: Vergil, Bucolics (Sidgwick), Georgics IV (Sidgwick); Sallust, Catiline (Capes, Clarendon Press).

41. LATIN. Fourth year (Full course).

3 hours. *Professor Carruthers*

Texts: Plautus, Rudens; Tacitus, Annals I-IV; Sight translation.

42. LATIN. Fourth year (Full course).

3 hours. *Professor Carruthers*

Texts: Lucretius, Selections; Horace, Satires and Epistles (Rolfe, Allyn and Bacon).

COGNATE COURSES

ANCIENT HISTORY 11.—PRIMITIVE ORIENTAL, GREEK, AND ROMAN HISTORY (Full Course). A general course available both to first year students and to those in the upper years.

3 hours. *Professor Gordon*

Text: Sanford, The Mediterranean World in Ancient Times (Ronald Press).

ANCIENT HISTORY 21.—GREEK HISTORY (Full course). The origin, development, achievements, and decay of the Greek city-state society, from the time of Homer to Alexander the Great. Particular attention will be paid to Greek life and culture and to Greek contributions to modern civilization.

3 hours. *Professor Gordon*

(*Not given in 1951-52.*)

ANCIENT HISTORY 22.—ROMAN HISTORY (Full course). The political and social development of the Roman state from its origins to the time of Augustus, with particular attention to the collapse of the Republic and the founding of the Principate.

Ancient History 11, though not a prerequisite, is desirable for students taking this course.

3 hours. *Professor Gordon*

CLASSICS 20.—CLASSICS IN TRANSLATION (Full course). A course for Second, Third, and Fourth Year students, especially students interested in literature. Readings of the greater works of Greek and Roman literature in translation, with interpretative lectures and discussions.

3 hours. *Professor Woodhead*

CLASSICS 31.—COMPARATIVE GRAMMAR. For Third Year Honours students (Half course).

2 hours. *Professor Carruthers*

LINGUISTICS 21.—INTRODUCTION TO THE STUDY OF LANGUAGE. Available to Second and Third year students. (Full course). An elementary survey of human speech, its nature, origin, structure, and classification; principles of linguistic change; writing and the alphabet; universal and auxiliary languages.

3 hours. *Professor Carruthers*

GRADUATE COURSES IN CLASSICS

See the Announcement of the Faculty of Graduate Study and Research.

ECONOMICS AND POLITICAL SCIENCE

Professors	B. S. KEIRSTEAD, *Chairman*
	E. F. BEACH
	B. H. HIGGINS
	F. C. JAMES
	D. B. MARSH
	F. M. WATKINS
Visiting Professor	J. M. NOVOTNY
Associate Professors	J. T. CULLITON
	J. R. MALLORY
	H. D. WOODS
Assistant Professors	P. F. VINEBERG
Lecturers	J. H. DALES
	DAVID SCHWARTZMAN
	J. C. WELDON
Sessional Lecturers	D. C. CORBETT
	H. M. MACQUARRIE
	G. V. SAINSBURY

ECONOMICS COURSES

100. ECONOMIC HISTORY. First year (Full course). A survey of the evolution of economic institutions from the ancient empires in Sumaria and Egypt to the outbreak of war in 1939. The course reviews the continuity of economic activities from the early empires through Greece and Rome; the manorial organization of the early Middle Ages; the revival of towns, commerce and financial institutions; the widening of geographical and intellectual horizons; the industrial revolution and colonization; the economy of the 19th century; the first world war and the breakdown of the war economy after 1931. (*Req. B.Com.*)

3 hours. *Professor James*

211H. INTRODUCTION TO ECONOMIC THEORY. Second year (Full course). An introduction to economic analysis covering general price theory, the theory of the firm, theory of production and distribution, and general equilibrium theory.

3 hours *Mr. Weldon*

This course is prerequisite to all Honours courses in Economics.

211G. ELEMENTS OF POLITICAL ECONOMY. Second year (Full course). Production, distribution, and exchange of goods; money and banking; price; international trade and foreign exchange; labour and trade unions; related topics.

3 hours *Professor Culliton*

This course is prerequisite to all courses in Economics except 100.

211C. PRINCIPLES OF ECONOMICS. Second year (Full course). An introduction to the general principles of economics, dealing mostly with production and exchange; but some consideration is given to distribution. Specific types treated are: the factors of production, specialization, competition, risk, the monetary system, banking, price levels, supply and demand analysis, international trade, wages, interest, rent, and profits.

3 hours *Professor Beach*

This course is prerequisite to all courses in Economics except Economics 100.

300. ECONOMIC HISTORY OF MODERN BRITAIN. Third or Fourth year (Full course). Traces the course of British economic development from the breakdown of the medieval system to the present day. Particular attention is paid to the influence on British history of population movements; the introduction of new techniques in agriculture, transportation, industry, and finance; and the economic development of overseas areas.

3 hours. *Mr. Dales*

Prerequisites: Either Economics 100 or History 1.

311. HISTORY OF ECONOMIC THOUGHT. Third or Fourth year (Full course). A critical study of the writings of the great economists, with particular reference to the period from Adam Smith to the present day.

3 hours *Professor Marsh*

For Honours students only.

321. MONEY AND BANKING. Third year (Full course). Theory and practice of money and credit; organization and operations of financial institutions; monetary policy; concept and function of money; early history of credit institutions; the crisis of 1825, the Peel Bank Act, and the development of the British financial system; the National Banking System in U.S. and the evolution of the Federal Reserve System; early development of Canadian banking; effects of World Wars I and II and of the Great Depression on U.S., U.K., and Canadian banking; monetary policy and economic fluctuations.

3 hours. *Professor Higgins*

331. ECONOMIC POLICY. Third and Fourth year (Full course). A study of the economic policy of governments, with particular regard to corporations and forms of business enterprise, regulation of markets and competition, monopoly problems, public utilities, and governmental enterprises, fiscal policy, the maintenance of full employment, and the prevention of inflation.

3 hours. *Mr. Schwartzman*

341a. LABOUR ECONOMICS. Third year (Half course). The origin of labour problems in modern industrial organization; their interpretation by economic theory; the theory of wages and employment.

First term: 3 hours. *Professor Woods*

341b. LABOUR INSTITUTIONS. Third year (Half course). The course is designed to supplement the course in labour problems but may be taken separately. It deals with trade unions, co-operative societies, credit unions, labour political movements, labour legislation, and governmental organization in the labour field. Students are advised to take Economics 341a.

Second term: 3 hours. *Professor Woods*

351. CANADA: GEOGRAPHIC, INDUSTRIAL, AND ECONOMIC PROBLEMS. Third year (Full course). This course consists of discussions on current economic and political problems in Canada with special emphasis on their origins, causes, and possible solutions, e.g., the wheat problem, the coal problem, etc.

3 hours. *Professor Culliton*

361a. ECONOMIC STATISTICS I. Third year (Half course). Description of frequency distributions including measures of central tendency, dispersion, and skewness. Charting and analysis of time series: trend lines, seasonal indexes, and measurement of cyclical fluctuations. Index numbers. Simple linear correlation.

3 hours. *Mr. Schwartzman*

Prerequisites: Mathematics 11a, 12b; Economics 211 is not required as a prerequisite. Mathematics 23a would be very helpful.

361b. ECONOMIC STATISTICS II. Third year (Half course). An introduction to Statistical Inference covering the following topics; elementary probability, binomial distribution, normal distribution, Poisson distribution; sampling distributions, tests of statistical hypotheses, estimation of population parameters. Bivariate analysis will be included.

3 hours. *Mr. Schwartzman*

Economics 211 is not required as a prerequisite.

Permission of the instructor is required.

400. THE ECONOMIC HISTORY OF NORTH AMERICA. Third or Fourth year (Full course). Deals primarily with Canada and the influence of the United States on Canadian economic development. The cod fisheries; fur trade, settlement, and the struggle for the continent; breakup of the first British Empire; Confederation; commercial policy; railways; twentieth century industries.

3 hours. *Mr. Dales*

411. ADVANCED ECONOMIC THEORY. Fourth year (Full course). An attempt to formulate the theoretic problems on the frontiers of the science and to study attacks on these problems in the recent literature.

For Honours students only.

3 hours. *Professor Keirstead*

Prerequisite: Economics 311.

412. ECONOMIC ANALYSIS. Third or Fourth year (Full course). A systematic study of the techniques and principal results of theoretical analysis, including the theory of prices, wages, interest rates; the theory of accounts; the marginal analysis of individual firm, industry, and household; the theory of capital.

3 hours. *Mr. Weldon*

421. PUBLIC FINANCE. Fourth year (Full course). Noetical introduction. Outline of the history of the science. The subject of public finance. Economic function of the state. Material and formal order in public

finance. State expenditures: definition, evolution, principles, effects, system and classification, the several kinds of expenditure considered. State revenues: definition, evolution, principles, effects, system and classification, the several kinds of revenue considered. Extraordinary expenditures and revenues (war finance). State property and state debts.

3 hours *Professor Novotny*

Prerequisite: Economics 321.

422a. ECONOMIC FLUCTUATIONS. Fourth year. Analysis of the nature and causes of fluctuations in income, employment, prices, production, etc. The three types of cycle: Kitchin, Juglar, and Kondratieff; secular stagnation, the concept of national income; major components; fundamental savings-investment and monetary flow equations; the multiplier; the relation; interactions of multiplier and relation; the Schumpeter model; the Kalecki-Kaldor model; the Hayek model; the Keynesian system; Hansen and the doctrine of economic maturity.

For Honours students only.

First term: 3 hours. *Professor Higgins*

Prerequisite: Economics 321.

422b. FISCAL POLICY. Fourth year (Half course). This course is concerned with actual and proposed economic policies for the maintenance of full employment without inflation. Nature of the employment problem; policy implications of various explanations of economic fluctuations; policy implications of "long wave" and "stagnation" theories; policies to stimulate private investment; policies to increase consumer spending; public investment policy; monetary vs. fiscal policy; tax reduction vs. increased expenditures; foreign trade policy and employment; debt management.

For Honours students only.

Second term: 3 hours. *Professor Higgins*

Prerequisite: Economics 422a.

424a. INTERNATIONAL TRADE AND TRADE POLICY. Fourth year (Half course). A study of the economic problems which result from the existence of sovereign states: foreign exchanges, tariffs, commercial policy, state trading, international economic agreements.

First term: 3 hours *Professor Marsh*

Prerequisite: Economics 321.

425a. CORPORATION FINANCE. Fourth year. (Half course). Nature and characteristics of the Corporation. The government and corporations. Incorporate relations—the holding company. The Capital Market—finance and corporate finance—the investment trust. The Stock Exchange. Capitalization—par value and no par value stock—preferred shares—apportionment of earnings. Capital and voting power amongst different classes of investors—redemption. Corporate borrowing—Trust Deed and Bond issues—sinking fund—equipment obligations. Corporate reorganization. The sale of securities—investment banking—regulation of securities sales in England, U.S., and Canada—the securities and Exchange Commissions.

First term: 3 hours. *Professor Vineberg*

431. INTERNATIONAL COMMODITY CONTROLS. Fourth year (Full course). This course includes, as well as international commodity controls, the wider question of monopolies, cartels, patents, and monopoly legislation. It is conducted along seminar lines.

3 hours *Professor Culliton*

(*Not given 1951-52.*)

432. TRANSPORTATION. Fourth year (Full course). History and development of the Canadian transportation system; economic characteristics of the various transportation media; comparative analysis of cost and rate structures; problems of regulation and control.

3 hours. *Professor Culliton*

441. INDUSTRIAL RELATIONS. Third and Fourth year (Full course). An introduction to the problems of employer-employee relations, including the management of personnel, legislation, employee organizations, and the State function and public interest in industrial relations. Plant visits and reports are an integral part of the course.

3 hours *Professor Woods*

442. COLLECTIVE BARGAINING. Fourth year (Full course). A seminar course involving an intensive study of collective bargaining institutions and techniques, grievance procedures, law and the state machinery for industrial relations. The course covers trade unionism, employers associations, collective agreements, negotiations, the content of such agreements, conciliation, and arbitration. Experience in other industrial countries is also examined.

3 hours *Professor Woods*

Students are admitted only by permission of the instructor.

461a. ECONOMETRICS I. Fourth year (Half course). An elementary mathematical treatment of basic economic theory. Attention is chiefly given to technique.

First term: 3 hours. *Professor Beach and Mr. Weldon*

Prerequisite: An elementary course in the calculus.

461b. ECONOMETRICS II. Fourth year (Half course). A development of the mathematical aspects of econometrics. Attention is chiefly given to selections from the recent literature.

Second term: 3 hours. *Professor Beach and Mr. Weldon*

Prerequisite: Economics 461a.

462a. STATISTICAL INFERENCE. Fourth year (Half course). A continuation of the statistical theory of sampling, reliability, estimation, and testing of hypotheses developed in Economics 361b.

3 hours. *Professor Beach*

Prerequisite: Economics 361b.

Permission of the instructor is required.

POLITICAL SCIENCE COURSES

Political Science 211G or 211H, and either History I or Economics 100, are prerequisite to all third and fourth year courses in Political Science.

211G. COMPARATIVE GOVERNMENT. Second year (Full course). An analysis of the basic concepts of Political Science, with illustrations drawn mainly from the experience of constitutional and dictatorial government as practiced in certain modern states.

3 hours. *Mr. Macquarrie*

211H. COMPARATIVE GOVERNMENT. Second year (Full course).

For Honours students.

3 hours. *Professor Watkins*

311. HISTORY OF POLITICAL THEORY. Third year (Full course). A survey of the development of Western political thought from ancient Greece down to the present.

3 hours *Professor Watkins*

321b. POLITICAL THOUGHT AND INSTITUTIONS OF CHINA AND JAPAN. Third or Fourth year (Half course). A study of the traditional political

systems of China and Japan, and of the problems resulting from various attempts to adapt those systems to the requirements of Western civilization.

Second term: 3 hours. *Professor Watkins*

Restricted to Third and Fourth year students.

322a. GOVERNMENT OF GREAT BRITAIN. Third or Fourth year (Half course). A study of the institutions and working of parliamentary government in Great Britain.

First term: 3 hours. *Professor Mallory*

323b. GOVERNMENT OF THE BRITISH DOMINIONS. Third or Fourth year (Half course). Institutions and working of parliamentary governments in the British Dominions.

Second term: 3 hours. *Professor Mallory*

(*Not given 1951-52.*)

324b. GOVERNMENT OF THE BRITISH COLONIAL EMPIRE. Third or Fourth year (Half course). A study of the nature of imperial control, degrees of local self-government, colonial economic development, and development of political institutions.

Second term: 3 hours. *Professor Mallory*

325b. THE GOVERNMENT OF THE UNITED STATES. Third or Fourth year (Half course.) A study of the Constitution, the political institutions, and the working of Congressional Government in the United States.

Second term: 3 hours. *Mr. Sainsbury*

331b. THEORY AND PRACTICE OF NATIONALISM. Third or Fourth year (Half course). A study of the conditions which led to the development of modern nationalism, and of the political techniques most commonly employed for the creation and maintenance of national sentiments.

Second term: 3 hours. *Professor Watkins*

Prerequisite: History 1 or Political Science 311, preferably both.

(*Not given 1951-52.*)

343a. MUNICIPAL GOVERNMENT. Third or Fourth year (Half course). A study of systems of local government in Great Britain, the United States and Canada, and an examination of municipal problems of law, politics and finance.

First term: 3 hours. *Mr. Corbett*

344. INTERNATIONAL RELATIONS. Third or Fourth year (Full course). A study of International Organisations, their workings, and the relations between states.

3 hours. *Mr. Sainsbury*

351. GOVERNMENT OF CANADA. Third or Fourth year (Full course). The working of parliamentary federations in Canada. The problems of federal-provincial relations; the structure of parliamentary government; the evolution of national status.

3 hours. *Professor Mallory*

355a. POLITICAL PARTIES. Third or Fourth year (Half course). A comparative study of the organization, rôle and functioning of political parties and the party system in constitutional states.

First term: 3 hours. *Professor Mallory*

441. THE ADMINISTRATIVE PROCESS. Fourth year (Full course). An introduction to the theory and practice of public administration with examples drawn principally from Canada, the United States, and Great Britain.

3 hours. *Mr. Corbett*

Prerequisite: Political Science 351 and either Political Science 322a or 325b.

Note:—Philosophy 6, Constitutional Law and Jurisprudence may be offered, by permission of the Department, as courses in Political Science.

CONTINUATION COURSES

Economics and Political Science are regarded as separate disciplines for continuation purposes.

HONOURS COURSES

Students taking full honours in Economics and Political Science take, in their Second Year, courses Economics 211H and Political Science 211, together with three other courses approved by the department. In their Third Year they must take Economics 311 and Political Science 311, with one additional approved course in the department and another approved course outside. In their Fourth Year they must take three approved courses in the department and one approved course outside. Courses in the Third and Fourth Years will normally include a regular sequence, and should lead to some specialization in Economic Theory, Economic History, Finance, Labour, Econometrics, Political Theory, Comparative Government, or Public Administration.

Honours students must consult their departmental advisers about the proper planning of their course.

Students taking the full Honours in Economics and Mathematics are required to take two approved full courses in Economics in their Second and every subsequent year, together with the courses in Mathematics or other subject as specified in the announcement of the Department of Mathematics (see page 1110).

Students taking half Honours in Economics or half Honours in Political Science (see page 1022) shall take Economics 211 and Political Science 211 and four full courses, or their equivalent, approved by the Department.

Geography 41a (Economic Geography) is acceptable as an Honours course in Economics in conjunction with either Economics 424b or Economics 432b.

At the conclusion of the Fourth Year, there is a comprehensive examination on the total work done in the field of Economics and Political Science, which will take the place of examinations in the courses of that year. For full Honours students the examination will consist of three papers: one in the general field of Economics, one in the general field of Political Science, and one on a special subject (such as Labour Economics or Comparative Government) within one of these two fields. Students pursuing a combined honours degree will take two papers in Economics or two in Political Science, depending on the nature of the degree. In preparation for these examinations, course work will be supplemented during the Third and Fourth Years by tutorial instruction.

Honours students in Economics or Political Science in the School of Commerce should consult the School of Commerce Announcement.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

EDUCATION

Professor	JOHN HUGHES, *Chairman*
Associate Professor	A. B. CURRIE
Sessional Lecturers	D. MARCHANT HERBERT
	H. D. LEAD
	RUTH LOW
	ANNE SAVAGE
	J. H. TAYLOR
	CECIL TEAKLE

NOTE:—There may be certain changes in the courses given for session 1951-52.

DEGREE COURSES

1. GENERAL PRINCIPLES OF EDUCATION. Third, Fourth, or Fifth year.
3 hours. *Professors Hughes and Currie*

2. METHOD AND SCHOOL ORGANIZATION. Fifth year.
3 hours. *Professors Hughes and Currie*

3. EDUCATIONAL PSYCHOLOGY. (Course given under the joint auspices of the Departments of Psychology and Education.)

PROSPECTIVE HIGH SCHOOL TEACHERS—CHOICE OF SUBJECTS

Students entering the University as matriculants with the intention of becoming High School teachers should consult the Professor of Education (Room 19, Arts Building) before deciding on their courses. They are strongly recommended to include in their degree studies a course in at least one of the following:

1. Psychology
2. Sociology
3. Philosophy (*either* Ethics *or* Logic and Scientific Method)
4. Economics

All B.Sc. students who are prospective candidates for the High School Diploma are strongly recommended to arrange their undergraduate course so as to include at least one year each in Biology, Chemistry, and Physics.

(Re compulsory courses of the First and Second Years—see below.)

Students who, during their undergraduate years, decide to enter the teaching profession should consult the Professor of Education (Room 19, Arts Building) at the earliest possible opportunity after—*or even before*—their decision is made. It is important that such students take very careful note of the Quebec regulations governing the choice of academic subjects of the first and second years. (See below.)

PROFESSIONAL (METHOD) COURSES

METHODS OF TEACHING SPECIAL SUBJECTS (hours to be arranged).

Courses on the methods of teaching the following special subjects are available for candidates for the High School Diploma: (1) The Humanities (English, French, Classics); (2) Social Sciences (including History, Geography, etc.); (3) Science (Biological and Physical, including Mathematics; (4) Music and Art.

THE TRAINING OF TEACHERS

THE QUEBEC HIGH SCHOOL DIPLOMA

This diploma is valid only in the Protestant Schools of the Province of Quebec. Only those students who may legally teach in Protestant schools should attempt to qualify for this diploma.

Each candidate must (*a*) make application on or before the 20th of July upon the authorized forms, obtainable from the Registrar's Office, Dawson Hall, McGill University, (*b*) be a Canadian citizen or a British subject or satisfy the Central Board that he has begun the necessary proceedings to become such, (*c*) submit a physician's certificate to show that he is in good health and free from physical defects likely to interfere with his usefulness as a teacher, (*d*) be a graduate of an approved University, and have passed for two years the following subjects in his university course, or their equivalents approved by the Central Board of Examiners.*

ACADEMIC PREREQUISITES FOR THE QUEBEC HIGH SCHOOL DIPLOMA*

1. Arts Division

First Year

English (obligatory), and any four of the following: French, Geography, History, Latin, Mathematics, or one Physical or Biological Science.

Second Year

English and two courses continued from the first year.

2. Science Division

First Year

English (obligatory), Mathematics (obligatory), two Physical or Biological Sciences, and one elective subject chosen from History, an acceptable modern foreign language, a third Science subject.

Second Year

English and two courses continued from the first year.

(Although not required by these Regulations, it is strongly recommended that B.Sc. students arrange their undergraduate course so as to include at least one year each in Biology, Chemistry, and Physics.)

NOTE:—In order to prevent disruption of educational programmes and to prevent any sudden contraction in the supply of candidates for high school diplomas, it is provided that the new regulations shall become operative at the beginning of the academic year following the passing of the Order-in-Council, and shall apply only to students who register for undergraduate work at the beginning of the said academic year, or later.

*But see below proviso re exemption for Veteran Students who are university graduates before leaving the forces.

During the four years immediately following the passage of the Order-in-Council, candidates may qualify either on the basis of the above regulations or on the basis of those formerly in effect.

Order-in-Council for New Regulation passed on March 21st, 1946.

3. B.Com. Students

Academic Prerequisites for B.Com. Students who intend to take High School teacher training after graduation are now under consideration. Students interested should apply for details of these requirements to the Professor of Education, Room 19, Arts Building, at the earliest opportunity.

SPECIAL CONCESSIONS FOR VETERANS

Veterans who have degrees in Arts, Science, or Commerce will be eligible for admission to courses leading to High School Diplomas without necessarily complying with the regulation requiring certain courses to be taken during the first two years at college.

(*N.B.—It should be clearly understood that the above concessions are not to be taken as applicable in the case of undergraduate veterans.*)

FURTHER ACADEMIC STUDY

The post-graduation year of training provides opportunities for further academic study, and completion of any academic requirements remaining unfulfilled. (See below, "Credit for M.A. Degree".)

COMPULSORY POST-GRADUATE YEAR OF PROFESSIONAL TRAINING

Every student who desires to proceed to the Diploma will be required to take a post-graduation year of training. The course begins early in September and ends in June.

Candidates for this course are advised to consult the Professor of Education in Room 19, Arts Building, for further particulars; and are requested to do this, wherever practicable, before April 15th, to make provisional arrangements.

Candidates must fulfil the following requirements:

(1) The successful completion of degree courses 1 and 2 in the Department of Education, and the course in Educational Psychology.

(2) Successful completion of any three of the following five courses in method: (1) French, (2) Science (Biological and Physical), (3) Geography, (4) Music, (5) Art. These courses are held in the Montreal High School and elsewhere at hours to be announced later.

(3) Successful completion, under expert supervision, of such practice teaching and criticism lessons as are required of the candidate by the

Department (unless the candidate holds an intermediate diploma or shows an equivalent in successful teaching which would be accepted by the Central Board of Examiners).

The course in Practice Teaching is at present divided into three parts. The first part is taken in the fall of the Fifth Year and is carried on in the primary and/or high schools of Greater Montreal. The second part of the course is taken on Wednesdays in the schools during the session. The third part of the course is taken in May and June after the examinations and is carried on in the primary and/or high schools. At present candidates are enabled to take advantage of at least seventy-five half-days of Practice Teaching. The above plan may be changed for 1951-52.

REGULATIONS OF THE PROTESTANT COMMITTEE

The Regulations governing the award of the High School Diploma require that candidates must make application upon the authorized form (which may be obtained at the Registrar's Office, Dawson Hall, McGill University) to Dr. W. P. Percival, Secretary, Protestant Central Board of Examiners, Department of Education, Quebec, P.Q., *on or before the 20th day of July before entering upon the year of training. Candidates are advised to submit with their application forms a full transcript of their academic courses, showing clearly all courses of the first and second year (whether taken in the first, second, third, or fourth year).*

Students will note that high school certificates shall be interim when issued, and shall be exchanged for permanent diplomas after two years of successful teaching as certified by an inspector. Only those teachers shall be eligible to act as Principals of High Schools who possess permanent High School Diplomas and have attended successfully at least one session at an approved summer school after receiving their interim certificates.

CREDIT FOR M.A. DEGREE

The work done in the year of training for the High School Diploma, if of sufficiently high standard, is helpful to candidates desiring to proceed to the M.A. degree in Education. (See the Announcement of the Faculty of Graduate Studies and Research.)

ELEMENTARY, INTERMEDIATE, AND KINDERGARTEN DIPLOMAS

The training for these diplomas is given by Macdonald College. (See Macdonald College Announcement.)

COURSES FOR TEACHERS OF SPECIAL SUBJECTS

French. A summer school for teachers of French leading to a Specialist Diploma recognized by the Provincial Department of Education.

Kindergarten. (See Macdonald College Announcement.)

Physical Education. (See Announcement of the School of Physical Education.)

Geography. Particulars of the McGill Geography Summer School may be obtained from the Department of Geography, Arts Building, McGill University.

M.A. IN EDUCATION

For details of the M.A. in Education, see the Announcement of the Faculty of Graduate Studies and Research, under "Education."

SCHOLARSHIPS AND BURSARIES

Scholarships and Bursaries are now available both for M.A. and Diploma students. Further information may be obtained from the Professor of Education, Room 19, Arts Building, McGill University.

FEES

Particulars concerning fees will be found in the section headed "Fees". (*page 1035*).

ENGLISH

Professors	H. G. Files, *Chairman* George Ian Duthie Arthur L. Phelps
Associate Professor	A. S. Noad
Assistant Professors	Constance Beresford-Howe Elmer Hall Joyce Hemlow S. Ernest Sprott
Lecturers	Kathleen M. Fricker S. W. Porter

Note:—In electing courses, the student should bear in mind that (1) some of the English courses cannot be offered in the current session, but will normally be offered in the next session; and (2) some courses admit only a limited number of students, or require special qualifications for admission. A student who wishes to elect a course but, after examining the Announcement, is uncertain of his eligibility, should consult the instructor responsible for the course.

COURSES FOR STUDENTS IN THE FIRST YEAR—

100. English Literature (Full course).

3 hours of lectures and conferences.

Professor Duthie and Members of the Department

100C. ELEMENTARY ENGLISH COMPOSITION (Half course).
One hour weekly throughout the session.
Professor Duthie and Members of the Department

150. ENGLISH COMPOSITION (Half course). For those who need special instruction and practice in writing correct, idiomatic English.
2 hours each week throughout the session. *Miss Fricker*

Students should consult the instructor before electing this course. English 150 cannot be credited towards a degree.

COURSES OPEN TO STUDENTS IN THE SECOND YEAR—

LITERARY HISTORY

200. SHAKESPEARE (Full course). All students taking this course should possess the prescribed text-book, which for 1951-2 is O. J. Campbell, *The Living Shakespeare* (Macmillan Co.).
3 hours *Professor Duthie*

210. ENGLISH LITERATURE IN THE SEVENTEENTH CENTURY (Full course).
3 hours *Professor Sprott*

220. ENGLISH LITERATURE IN THE EIGHTEENTH CENTURY (Full course).
3 hours *Professor Files*
(*Not given in 1951-52.*)

30. ENGLISH LITERATURE IN THE NINETEENTH CENTURY (Full course). For second year students exclusively, in either the General or the Honours course.
3 hours *Professor Phelps*

240. AMERICAN LITERATURE (Full course).
3 hours *Professor Files*

COMPOSITION AND THEATRE ARTS

250. CREATIVE WRITING—INTERMEDIATE COURSE (Full course).
Hours to be arranged *Professor Beresford-Howe*

Registration is limited. Students must have the instructor's permission to take this course.

260. DRAMATIC PRODUCTION. An introductory course which deals with the architectural development of the modern stage and with the technique of production, including such matters as technical terminology, duties of staff, etc.

3 hours of lectures a week; one laboratory period of 2 hours each week, to be arranged according to the students' convenience; and work on productions. The total time required exclusive of lectures is 100 hours.

Professor Hall

This course is a prerequisite for all other dramatic production courses.

LITERARY HISTORY AND SPECIAL STUDIES OF TYPES AND AUTHORS

COURSES OPEN TO STUDENTS IN THE THIRD AND FOURTH YEARS (in addition to courses 200, 210, 220, 240, 250, and 260.)

300. OLD ENGLISH (Full course). English Language and Literature up to the Norman Conquest. The course includes readings from Anglo-Saxon prose in the first term; and in the second, a study of heroic poetry. The texts used are: Bright's *Anglo-Saxon Reader* and Klaeber's edition of *Beowulf*. The course is open to third and fourth year Honours students, who are reminded that a knowledge of the early periods of English literature is normally required in graduate work.

3 hours *Professor Hemlow*

(*Given by Professor Duthie in 1951-52.*)

305a. CHAUCER (Half course). The first term will include a study of *The Canterbury Tales*, their sources and analogues. Robinson's text (the Student's Cambridge Edition of the Complete Works) will be used.

First term: 3 hours. *Professor Hemlow*

(*Given by Professor Sprott in 1951-52.*)

305b. CHAUCER (Half course). The second term is devoted to the study of the dream-vision poems and of the Troilus story.

Second term: 3 hours. *Professor Hemlow*

(*Not given in 1951-52.*)

310. MIDDLE ENGLISH (Full course). Studies in Middle English Literature (exclusive of Chaucer). The course is open to students who have taken either Old English or Chaucer. Emerson's *Middle English Reader* is used in the first term; and in the second, *Gawain and the Green Knight* (Tolkien and Gordon). When texts are available so that the content of the course can be varied, students will be permitted to repeat the course for credit a second year.

3 hours *Professor Hemlow*

(*Not given in 1951-52.*)

315b. NON-DRAMATIC ENGLISH LITERATURE OF THE SIXTEENTH CENTURY (Half course).

Second term: 3 hours *Professor Duthie*

(*Not given in 1951-52.*)

320. THE HISTORY OF THE ENGLISH DRAMA FROM THE BEGINNINGS TO 1642, EXCLUDING SHAKESPEARE. All students taking this course should possess the prescribed text books, which are: (1) J. Q. Adams's *Chief Pre-Shakespearian Dramas;* (2) W. A. Neilson's *The Chief Elizabethan Dramatists;* and (3) *Doctor Faustus* (edited by W. W. Greg).

3 hours *Professor Duthie*

(*Not given in 1951-52.*)

325a. SHAKESPEARIAN TEXTUAL PROBLEMS (Half course). The course will deal with the early Shakespearian quartos and folios, the nature of the manuscripts from which they were printed, and the principles which should guide a modern editor in arriving at an authentic text of the plays. The course is open to third and fourth year students and to graduate students, course 200 being a pre-requisite. In special cases, *with the Instructor's permission,* it may be taken by second year students and by students in subsequent years who have not previously taken course 200.

First term: 3 hours *Professor Duthie*

(*Not given in 1951-52.*)

330. ENGLISH DRAMA FROM 1660 TO THE PRESENT (Full course).

3 hours. *Mr. Porter*

331. CONTINENTAL EUROPEAN AND AMERICAN DRAMA FROM IBSEN TO THE PRESENT (Full course).

3 hours. *Mr. Porter*

335. THE ENGLISH NOVEL FROM THE BEGINNINGS TO THE PRESENT TIME (Full course). This course includes some reference to foreign work and to related literary types.

3 hours *Professor Files*

336b. THE SHORT STORY (Half course). The history and technique of the short story in English, with some reference to related foreign types.

Second term: 3 hours *Professor Beresford-Howe*

340. STUDIES IN LITERATURE SINCE 1900 (Full course). Contemporary authors, English and American, with special emphasis on novelists and dramatists. English 335 is recommended as a suitable preparation for this course; and students who have not taken that course should receive the Instructor's permission to take course 340.

3 hours *Professor Files*

(*Not given in 1951-52.*)

341. CANADIAN LITERATURE. (Full course.) The history of Canadian Literature from the beginnings to the present day, with some study of the influence of the trans-Atlantic and the American traditions, and of the Canadian environment. An examination of the status of Letters in Canada.

3 hours *Professor Phelps*

345. STUDIES IN ENGLISH PROSE EXPRESSION FROM BACON TO THE PRESENT DAY (Full course). Emphasis will be placed upon social and political writing, the tradition of satire, and the personal essay.

Lectures and discussion groups.

3 hours *Professor Phelps*

350a. THE POETRY OF SPENSER (Half course). Emphasis will be placed upon the shorter poems and selected cantos of *The Faerie Queene.* The Oxford edition of the poems will be suitable.

First term: 3 hours. *Professor Hemlow*

(*Not given in 1951-52.*)

350b. MILTON AND CHRISTIAN HUMANISM: HIS THOUGHT AND ART CONSIDERED IN RELATION TO HIS OWN TIMES AND TO OUR OWN (Half course). The prescribed texts are: M. Y. Hughes' edition of *Paradise Regained, The Minor Poems, and Samson Agonistes;* and *Paradise Lost.*

Second term: 3 hours. *Professor Sprott*

355a. THE ART OF POETRY. This half course concerns the theory of poetry and the development of poetic forms and techniques. Students are encouraged to submit work of their own for critical discussion. (Half course.)

First term: 3 hours *Professor* ————

(*Not given in 1951-52.*)

360a. ENGLISH POETRY AND SOCIETY—1798-1850 (Half course).

First term: 3 hours *Professor Phelps*

360b. ENGLISH POETRY AND SOCIETY—1850 TO THE PRESENT TIME (Half course). English 360a and 360b will consist of an examination of the major long poems in relation to their times.

Second term: 3 hours *Professor Phelps*

365a. BRITISH POETS OF THE TWENTIETH CENTURY (Half course).

First term: 3 hours. ————

(*Not given in 1951-52.*)

365b. AMERICAN POETS OF THE TWENTIETH CENTURY (Half course).

Second term: 3 hours. ————

(*Not given in 1951-52.*)

COMPARATIVE LITERATURE

370. THE CULTURE AND LITERATURE OF THE RENAISSANCE (Full course).
3 hours *Professor Noad*

375. THE INFLUENCE OF ENGLISH UPON EUROPEAN LITERATURE IN THE 18TH AND 19TH CENTURIES (Full course). (*a*) Shakespeare and the Continent; (*b*) Changing Concepts of Nature; (*c*) Ossian and the Celtic Revival; (*d*) The Historical Novel; (*e*) Byronism.
3 hours *Professor Noad*
(*Not given in 1951-52.*)

380. A STUDY OF SOME LITERARY TYPES, FROM THE RENAISSANCE TO THE PRESENT DAY (Full course). Special subjects: (*a*) The Imaginary Voyage (fantasies, utopia, satires); (*b*) Gentleman and Superman; (*c*) The Oriental Observer (from Montesquieu's *Lettres persanes* to the 20th century); (*d*) Mock-heroic Poetry.
3 hours *Professor Noad*

385. HISPANIC CONTACTS WITH EUROPEAN LITERATURE (Full course). Special Subjects: (a) The Picaresque Novel; (b) Don Quixote; (c) Don Juan; (d) English and Spanish Romanticism. A reading knowledge of Spanish is advisable.
3 hours *Professor Noad*
(*Not given in 1951-52.*)

390. THE GREAT WRITINGS OF EUROPE (Full course).
2 hours of lectures and one conference weekly by members of the English and other Humanistic Departments, under the direction of Professor Noad.

For 1951-52 the period studied will be the Renaissance and the 17th Century.

COMPOSITION AND THEATRE ARTS

395. CREATIVE WRITING—ADVANCED COURSE (Full course). An advanced course open to a limited number of undergraduate students who appear well qualified for mature creative writing. Application for permission to take this course should be made at the beginning of the session. *Registration is limited.*
Hours to be arranged *Professor Files*

*396L. DRAMATIC PRODUCTION—SCENERY AND LIGHTING (Half course). An elementary course in the construction of scenery and the technique of stage lighting.

3 hours of lectures weekly. A total of 50 hours of laboratory work is required.

Prerequisite: English 260 (or its equivalent).

*397L. DRAMATIC PRODUCTION—COSTUME AND MAKEUP (Half course).

3 hours of lectures weekly, and a total of 50 laboratory hours.

Mrs. Douglas

Prerequisite: English 260 (or its equivalent).

*398L. DRAMATIC PRODUCTION—ACTING, DIRECTING, MANAGING (Half course). This course is designed for prospective teachers of English and others who may be called on to direct non-professional drama groups.

3 hours of lectures weekly, and 50 hours of laboratory work.

Professor Hall

Prerequisite: English 260 (or its equivalent).

399. DRAMATIC PRODUCTION AND PLAYWRITING (Full Course). This course requires the writing of a simple one-act play on a theme not too remote from experience. The experimental production of several plays written by members of the class will be handled in all details by the students.

Registration is limited. Students must have the instructor's permission to take the course.

3 hours of lectures and discussions to be arranged, besides 50 hours of laboratory work. *Professor Hall*

*CONTINUATION COURSES

The following English courses may *not* be counted as continuation courses: 150, 396L, 397L, 398L.

HONOURS COURSES IN ENGLISH

Students in the Second Year who wish to become candidates for full Honours in English will be expected during their remaining undergraduate years to take a total of ten courses approved by the Department, including the following required courses: 305a, 315b, 200, 210, 220, 230, 340. The remaining four of the ten courses are to be elected from those approved as Honours courses by the Department, and may in fact be chosen from courses offered by another Department (see Cognate Courses below). The following English courses, however, may *not* be counted towards the Honours degree: 150, 396L, 397L, 398L.

In the Second Year, the student will take two English courses: viz. English 230 and one other from the list of Second Year courses.

In both the Third and the Fourth Years, four courses will be taken with the approval of the Department.

ENGLISH REQUIREMENTS FOR HONOURS IN ENGLISH AND ANOTHER SUBJECT

Students in the Second Year who choose a combined Honours course will be expected to take a total of five English courses, including 200, 230, and one other chosen from 210, 220, 305 (full course), and 340. The other English courses must be chosen with the approval of the Department. Normally, one English course would be taken in the Second Year, and two English courses in both the Third and the Fourth Years.

Students now in their Fourth Year, who have been admitted to the combined Honours course, will not be subject to the new regulations, but should choose their courses with the approval of the Department.

COGNATE COURSES

Certain courses offered by other Departments will be accepted for the English Honours degree. The attention of students is called to the following examples of recommended courses:

CLASSICS 20: CLASSICS IN TRANSLATION (Full course). Greek and Latin literature in translation.

For Second, Third, or Fourth Year Students.

3 hours *Professor Woodhead*

For particulars see the course as listed under the Department of Classics.

LINGUISTICS 21: INTRODUCTION TO THE STUDY OF LANGUAGE (Full course).

For Second and Third Year Students.

3 hours *Professor Carruthers*

For particulars see the course as listed under the Department of Classics.

GERMAN 6. A GENERAL SURVEY OF GERMAN LITERATURE FROM LESSING TO MODERN EXPRESSIONISM (Full course).

For Second and Third Year Students.

3 hours *Professors Graff and Meyer*

This course is given in English. See listing under Department of German.

HISTORY 15: THE HISTORY OF EUROPEAN THOUGHT SINCE THE RENAISSANCE (Full course). Properly qualified non-Honours students may be admitted to this course with the consent of the instructor.

3 hours *Professor Reid*

See the course as listed under the Department of History.

PHILOSOPHY 4. ÆSTHETICS (Full course.)

3 hours. *Professor Henderson*

For particulars see the course as listed under the Department of Philosophy.

FINAL GENERAL EXAMINATION

Every candidate for Honours in English, or in English and another subject, must pass, near the close of his last year, a special general examination, either oral or written, conducted by a committee of the Department.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

FINE ARTS

Professor	R. T. DAVIS, *Chairman*
Associate Professor	JOHN LYMAN
Assistant Professor	ARTHUR LISMER
Lecturer	MARY H. FILER
Sessional Lecturers	GORDON WEBBER GUY VIAU
Assistant	JOHN FOX
Demonstrator	AUDREY TAYLOR

COURSES FOR GENERAL STUDENTS (B.A. or B.Sc.)

201. INTRODUCTION TO ART (Full course). Lecture course supplemented by discussions, museum visits, written reports, and assigned reading. The aim of the work is to sharpen the student's visual perceptions, to stimulate his thinking by using visual data, and to survey the art of at least six epochs which have made important contributions to our artistic heritage.

3 hours. *Professor Davis*

This is a basic course for general students and may be elected by students in their Second, Third or Fourth years. It is a prerequisite for all general students expecting to elect further lecture courses in Fine Arts, although Fine Arts 252 may be taken concurrently with it.

(*Required course for all B.F.A. students.*)

252. TECHNIQUES OF THE VISUAL ARTS (Full course). A course of studio practice and theory which aims to give the student a wide variety of experiences in using techniques, processes, and media employed by

artists of various periods. No previous experience or training in drawing, painting, or modelling is required. A fee will be charged for materials used. *Professor Lismer and Miss Filer*

Fine Arts 201 is a prerequisite for this course, or should be taken concurrently with it.

301. HISTORY OF ART: THE EUROPEAN TRADITIONS (Full course). European art from 1300 A.D. to the present, with particular emphasis on painting. The Latin traditions of the South will be contrasted with the Gothic traditions of the North. An intensive study will be made of the influence of these traditions in forming the styles of at least six great masters of the period.

The work will be conducted by lectures, discussions, reading, and reports.

Prerequisite: Fine Arts 201. *For Third and Fourth year students.*

(*Required course for all B.F.A. students.*)

401a and b. HISTORY OF ART. (*Not given in 1951-52.*)

411a. SEMINAR IN ART CRITICISM. (*Not given in 1951-52.*)

COURSES FOR CANDIDATES FOR THE B.F.A. DEGREE ONLY

Note: *No student will be allowed to take supplementary examinations in any studio courses unless he has specific permission to do so from the instructor of the course.*

161. FUNDAMENTALS IN DRAWING (Full course).
5 hours studio work *Professor Lyman*

261. DRAWING AND PAINTING (Full course).
9 hours studio work *Professor Lyman*

271. DESIGN (Full course).
6 hours studio work *Mr. Viau*

361. DRAWING AND PAINTING (Full course).
10 hours studio work *Professor Lyman*

371. DESIGN (Full course).
10 hours studio work *Mr. Webber*

381. DESIGN FOR COMMERCE AND INDUSTRY. (Full course).

An arrangement has been made for students electing work in this field to take it in the studios of the École des Beaux-Arts, under Mr. Henry Eveleigh.

391. TEACHING METHODS IN ART (Full course).

2 hours, plus observation, apprentice teaching and reports. Time spent in observation under expert supervision will be divided between the Art Centre of the Montreal Museum of Fine Arts and the elementary and high schools of Montreal and vicinity. *Professor Lismer*

461. DRAWING AND PAINTING (Full course).

9 hours studio work *Professor Lyman*

471. DESIGN (Full course).

5 hours of studio work *Mr. Webber*

481. DESIGN FOR COMMERCE AND INDUSTRY.

Studio work to be conducted by Mr. Henry Eveleigh at the École des Beaux-Arts.

491. TEACHING METHODS IN ART (Full course).

2 hours, plus practice teaching. *Professor Lismer*

The course will comprise the planning of art projects for use in schools and community art centres as well as consideration of methods of school management and discipline. Practice teaching under expert supervision will be provided at the Art Centre of the Montreal Museum of Fine Arts and affiliated community centres, as well as in the elementary and high schools of Montreal and vicinity.

GENETICS

Associate Professor	J. W. BOYES, *Chairman*
Assistant Professors	E. R. BOOTHROYD
	F. C. FRASER
	H. M. SLATIS
Demonstrator	J. D. METRAKOS

21a. INTRODUCTION TO GENETICS (Half course). Basic principles of Genetics plus laboratory experience with problems and practical work.

First term: 3 hours, a 2-hour laboratory period. *Professor Boyes*

Prerequisites: Any two of Botany 11a *or* 11b *or* Zoology 11a *or* 11b or the equivalent *or* Physiology 21 or 22, any *one* of which may be taken concurrently with Genetics 21a.

Text: Sinnott, Dunn and Dobzhansky, Principles of Genetics, Fourth Edition.

21b. HUMAN HEREDITY AND EVOLUTION (Half course). Human heredity with particular reference to disease, mental conditions, and eugenics; introduction to the theory of evolution in the light of genetic principles.

Second term: 3 hours. *Professor Boyes*

Prerequisite: Genetics 21a.

32a. CYTOLOGY (Half course). The protoplasmic organization of the animal and plant cell.

First term: 2 hours and a 3 hours laboratory period. *Professor Boothroyd*

Prerequisite: Genetics 21a.

Texts: Sharp, Fundamentals of Cytology or DeRobertis, Nowinski and Saez, General Cytology.

32b. CYTOLOGICAL TECHNIQUE (Half course).

Second term: 6 hours laboratory *Professor Boothroyd*

Prerequisite: Genetics 32a unless special permission is obtained from the instructor.

36. DEVELOPMENTAL GENETICS (Half course). Studies in the genetic control of development and differentiation.

The equivalent of 1½ hours each week throughout the session.

Professor Fraser

Prerequisites: Genetics 21a. Zoology 22b or a suitable alternative should be taken previously or concurrently.

43b. ADVANCED GENETICS AND CYTOGENETICS (Half course). Advanced work, including linkage, polyploidy, apomixis, hybridization, and irradiation effects.

Second term: 3 hours *Professor Boyes and Staff*

Prerequistes: Genetics 21a and 32a.

(*Not given in 1951-52.*)

44. BIOMETRY (Full course). Elementary statistics and their application to problems in Biology.

2 hours and 3 hours of computation to be arranged. *Professor Slatis*

Prerequisites: A university course in one of the Biological sciences, and Mathematics 11, or the equivalent.

45a. GENETIC INTERPRETATION OF THE MECHANICS OF EVOLUTION (Half course).

First term: 3 hours. *Professor Boyes*

Prerequisites: Genetics 21a, and 32a which may be taken concurrently.

Text: Dobzhansky, Genetics and the Origin of Species, Revised Edition.

45b. POPULATION GENETICS (Half course). The rules governing the establishment of genetic equilibrium and the application of these rules to the study of evolution. Emphasis on human genetic studies.

Second term: 3 hours. *Professors Slatis and Fraser*

Prerequisite: Genetics 21b or 45a.

47a or b. SPECIAL TOPICS (Half course).

This course is for advanced students of high standing who wish to read extensively in a particular field or undertake a minor research problem in Genetics or Cytology. *The Staff*

53. EXPERIMENTAL CYTOLOGY (Half course). About half the course will be devoted to the chemical natures of the structural components of the cell and to the techniques used in their investigation. The living cell—vital stains, micromanipulation, phase contrast. Microchemical methods of analyses of protoplasm: fixation, special stains, enzymatic digestion, radioautography. Physical methods of analyses of protoplasm: polarizing microscope, x-ray diffraction, ultraviolet absorption and other spectroscopic methods. The measurement of physical constants in cells.

The other half of the course will be devoted to experimental studies of particular cell structures such as the Golgi apparatus, the chondriome, the chloroplast, the secretion products, the cell membrane and the nucleus and chromosomes.

Open to fourth year students in Arts and Science.

The equivalent of 1½ hours per week throughout the session.

This course is given jointly by the Departments of Anatomy and Genetics with the cooperation of the Departments of Biochemistry, Botany, Physiology and Zoology.

Prerequisite: Genetics 32a or Zoology 22a or Anatomy 1a or the equivalent.

HONOURS COURSE

Students who contemplate graduate studies and research in Genetics or Cytology are advised to consult the Chairman of the Department before the end of their second year.

CONTINUATION COURSES

Second Year: Genetics 21.
Third Year: Genetics 32a, 32b, 36, 45b.
Fourth Year: Genetics 43b, 44, 45a, 47a, or 47b, 53.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

GEOGRAPHY

Associate Professors	F. K. HARE, *Chairman* BOGDAN ZABORSKI
Assistant Professor	J. B. BIRD
Honorary Lecturer	
Lecturer	W. F. SUMMERS

FIRST YEAR

12. THE ELEMENTS OF PHYSICAL GEOGRAPHY (Full course). Scientific study of man's habitat. The course is divided into main parts:

A. The origin and world distribution of landforms developed under different climates. Major earth resources: water, soils, and minerals.

B. Climate and weather; physical processes and properties of atmosphere. The principal climatic belts of the world. Significance of climate as a factor influencing human settlement.

3 hours. *Professor Bird and Mr. Summers*

(In Science Division). *No prerequisite.*

SECOND AND THIRD YEAR

21. THE ELEMENTS OF SOCIAL GEOGRAPHY (Full course). Scope and aims of social geography: affinity to other sciences. Nature of physical environment and of man-land relationships. World distribution of foods, raw materials, and fuels in relation to changing needs of industry, commerce, and population. Problems of land use and resource conservation. Select areal studies illustrating the role of geography in modern economic life.

3 hours. *Professors Hare and Bird*

(In Arts Division.) *No prerequisite.*

22. PRACTICAL GEOGRAPHY (Full course). The construction and properties of common map projections. The analysis of topographic maps and aerial photographs. Reconstruction of cultural landscape from cartographic evidence. Special purpose maps: e.g., land use, commodity, population, etc.: their construction and interpretation.

1 hour and laboratory periods. *Mr. Summers*

(In Science Division.) *No prerequisite.*

THIRD AND FOURTH YEAR

In courses 31, 34a, 35, 37, and 39 the general principles set forth in courses 12 and 21 are applied to specific environments. These are studied primarily from the standpoint of their physical and cultural distributions,

including the areal localisation of ways of living, past and present. The importance of the environment in human affairs is assessed, and the findings applied to contemporary problems.

31. THE GEOGRAPHY OF NORTH AMERICA (Full course).
3 hours. *Professor Bird*
(In Arts Division) *Prerequisite:* Geography 12 or 21.

32. MAP INTERPRETATION AND CARTOGRAPHY (Full course). A detailed study of the interpretation of aerial photographs. Photogrammetric techniques. The topographic maps of Great Britain, the United States, Canada and Europe. The history of cartography. Draughting techniques: Cartographic specialities.
1 hour lecture and laboratory periods. *Mr. Summers*
(In Science Division) *Prerequisite:* Geography 22.

34a. THE GEOGRAPHY OF LATIN AMERICA (Half course).
First term: 3 hours. *Professor Zaborski*
(In Arts Division) *Prerequisite:* Geography 12 or 21.

35. THE GEOGRAPHY OF EUROPE (Full course).
3 hours. *Professor Zaborski*
(In Arts Division) *Prerequisite:* Geography 12 or 21.

37. THE GEOGRAPHY OF THE FAR EAST (Full course).
3 hours. *Professor Zaborski*
(In Arts Division) *Prerequisite:* Geography 12 or 21.
(*Not given in 1951-52*)

39. THE GEOGRAPHY OF THE U.S.S.R. (Full course).
3 hours. *Professor Zaborski*
(In Arts Division) *Prerequisite:* Geography 12 or 21.

41. ECONOMIC GEOGRAPHY (Full course). The course is in two parts, of which the *first only* may be taken as a half course.

A. First term. The content and methodology of Economic Geography. The influence of geographical factors on economic activity. Land use and occupations of mankind. Types of agriculture as influenced by natural conditions and historic developments. Factors influencing location of industries.

B. Second term. Regional survey of the economic geography of a chosen continent. Comparisons with conditions and developments in North America.

3 hours. *Professors Zaborski and Hare*

(In Arts Division) *Prerequisite:* Geography 12 or 21.

42. THE TECHNIQUE OF REGIONAL STUDIES (Full course). The idea of regional survey. Surveys of land use. Classification of land according to fertility, site and existing use (e.g., agricultural, industrial, waste). Optimum land use in relation to functional requirements. Geographical significance of resource conservation. Spread of cities across agricultural land.

Study of existing regional surveys and projects: the Land Utilisation Survey of Great Britain, the Tennessee Valley Authority, and other North American projects.

A regional study will be made of a selected area in Canada.

3 hours. *Mr. Summers*

(In Science Division) *Prerequisite:* Geography 22 *and* 12 *or* 21 *or* Geology 1.

43. HISTORICAL GEOGRAPHY (Full course). Relations between man, habitat, and economy in early, medieval, and modern times. Reconstructing the geographical milieu of past cultures. Geographical conditioning of historic trade routes, migrations, and colonisations. Climate and civilisation.

3 hours. *Professor Bird*

(In Arts Division) *Prerequisite:* Geography 21.

44. METEOROLOGY (Full course). Physical properties of the atmosphere. Radiation and the heat balance: the causes of atmospheric circulation. Vertical motion in the atmosphere, and formation of clouds and rain. Winds and pressure distribution. General circulation of atmosphere and development of fronts. Anticyclones and depressions. Climates of the world: regional meteorology.

Use of meteorological instruments. International codes and plotting symbols. Practical work on synoptic charts from selected daily records.

3 hours *Professor Hare*

(In Science Division) *This course has been designed primarily for honours students in Mathematics and Physics, but other properly qualified students may register for it with the written permission of the Chairman of the Department.*

45b. POLITICAL GEOGRAPHY (Half course). Political Geography as a branch of Geography. Historical development of views concerning the relations between environment and nation. The concept of the nation and the geographical approach to the problems of the development and conflict of nations. The changing map of the world. Geographical aspects of some modern national problems.

Second term: 3 hours. *Professor Zaborski*

(In Arts Division) *Prerequisite:* Geography 12 or 21.

46. CLIMATOLOGY (Full course). Systematic and regional study of world climates, with special reference to the northern hemisphere. Principles and methods of dynamical, physical, and bio-climatology. Major features of world circulation. Climatic classification: systems of Köppen and Thornthwaite. Physiological significance of climate for plant and animal kingdoms, including man. Climate and hydrology: run-off, evaporation, and percolation.

3 hours *Professor Hare*

(In Science Division) *Prerequisite:* Geography 12.

HONOURS COURSES

First year students intending to take Honours in Geography should consult the Department before the end of the session. Such students will normally be required (1) to have passed Geography 12 with at least good second class standing, or to have its equivalent before being permitted to take Honours, and (2) to make their selection of second, third and fourth year courses from the following list:

B.Sc. Students

Second Year: Geography 22, 31, Geology 121, Botany 11a and b, *and one of the following:* Economics 100 or 211h; History 1, 2 or 3; Political Science 211h.

Third Year: Geography 32, 35 or 37, 39, Geology 342a, Botany 21, *and one other course in* Zoology, Mathematics or Physics.

Fourth Year: Geography 41 or 44, 42, 46, 45b or 43, and one other course in a field selected by the student.

B.A. Students

Second Year: Geography 22, 31, Geology 121, History 1 *or* Sociology 21, Economics 211h *or* Political Science 211h. In special cases a modern language will be accepted in lieu of Sociology, Economics or Political Science.

Third Year: Geography 32, 34a, 35 or 37, 39, and one other course in History, Economics, Sociology, Political Science, or a modern language.

Fourth Year: Geography 41, 42, 45b or 43, 46. One other course to be selected by the student.

CONTINUATION COURSES

For B.A. students taking continuation in Geography (compulsory courses in italics):

Second Year: Geography *21*, 12 or 22.

Third Year: Geography *22 or 32*, 31, 34-39.

Fourth Year: Geography *42*, 41, 43, 46 or 45b.

For B.Sc. students taking continuation in Geography:

Second Year: Geography *12 or 22*, 21.

Third Year: Geography *31*, 32 or 22, 34-39.

Fourth Year: Geography *42*, 44, 46.

GEOLOGICAL SCIENCES

Professors JOHN J. O'NEILL, *Chairman*
T. H. CLARK
J. E. GILL
E. H. KRANCK

Associate Professor J. S. STEVENSON

Assistant Professor J. E. RIDDELL

Demonstrators

121. GENERAL GEOLOGY (Eng. Fac. 1122) (Full course). The Earth and the Solar System. Its composition by minerals and rocks. Erosive forces (weather, wind, rivers, waves, etc.) modifying its surface, and deformative factors (temperature, compression, etc.), affecting its subsurface structure are thoroughly treated. The origin and historical development of the earth and of living things are briefly considered. The economic aspects of all phases of the subject are treated throughout the course.

Second or First Year: 2 hours and two hours laboratory, sections to be announced at first meeting; five or six excursions during October and November. *Professor Clark*

Text: Longwell, Knopf, Flint, Physical Geology 1948 (Wiley).

221. MINERALOGY (Fac. Eng. 1124 and 1142). Second year (Full course). Lectures: physical properties and chemical composition of minerals; crystallography; the more important ore minerals; industrial minerals; rockforming minerals; uses and source of supply of economic minerals. Laboratory: methods for the determination of the constituents of minerals by blowpipe analyses and by related chemical tests; application of these plus physical characters in the identification of minerals.

2 lectures, 3 hours laboratory per week, session. *Professor Stevenson*

Texts: Dana (Hurlbut), Manual of Mineralogy, (Wiley) or Kraus, Hunt and Ramsdell, Mineralogy, 1936 (McGraw-Hill).

231a. FIELD GEOLOGY (Fac. Eng. 1145). Third year (Half course). Surface and underground geological field survey methods. Preparation of geological maps, sections, models and reports from field notes, diagrams, aerial photographs, etc.

First term: 1 lecture and 6 hours laboratory periods per week. During the first 6 weeks the laboratory work is replaced by field work.

Professor Riddell

Prerequisites: Surveying 324 and 352, Geology 121, 221.

References: Lahee, Field Geology (McGraw-Hill); McKinstry, Mining Geology (Prentice-Hall).

232b. STRUCTURAL GEOLOGY (Fac. Eng. 1146). Third year (Half course). A systematic survey of rock structures, their origins and practical importance. Laboratory period will be devoted to practical problems.

Second term: 2 lectures and I laboratory period. *Professor Gill*

Prerequisites: Geology 121, 221.

Text: Billings, Structural Geology, 1942 (Prentice-Hall).

233b. HISTORICAL GEOLOGY Third year (Half course). Earth origin. Geological time and timetable. Principles of correlation. Index fossils. Origin and development of continents and oceans; geosynclines, epicontinental seas, and coastal plains; terrestrial sediments. Paleogeography and paleogeology. The main part of the course will deal first with the physical development, period by period, of North America, with brief attention to other continents, and second, with the attendant evolution of life as revealed by fossils.

Second term: 2 lectures and one two-hour laboratory period.

Professor Clark

Prerequisite: Geology 121.

Text: Dunbar, Historical Geology, 1949 (Wiley).

331a. OPTICAL CRYSTALLOGRAPHY Third or Fourth year (Half course). Topics covered in the lectures include refraction and double refraction. polarization of light, and the nature of and reason for the various optical characters exhibited by crystals. The laboratory course gives practice in the determinations of these characters, using the polarizing microscope, axial angle and other instruments.

First term: 1 lecture and 1 laboratory period. *Professor Stevenson*

Prerequisites: Geology 121, 221.

References: Larsen, Microscopic Determination of Nonopaque Minerals, 1934, Bull. 848, U.S. Geol. Surv.; Wahlstrom, Optical Crystallography, 1944 (Wiley); Winchell, Elements of Optical Mineralogy, Part I, 1937 (Wiley).

332a. PETROLOGY (Fac. Eng. 1144). Third year (Half course). The common igneous, sedimentary, and metamorphic rocks are described and their modes of occurrence discussed. In the laboratory, the student learns to identify such rocks by methods used in the field.

Second term: 2 lectures and 1 laboratory period. *Professor Kranck*

Prerequisites: Geology 121, 221.

Text: Pirsson & Knopf, Rocks and Rock Minerals, 1926 (Wiley).

333b. PETROGRAPHY (Fac. Eng. 1148). Third year (Half course). The examination and identification of rock minerals and rocks by means of the petrographic microscope.

Second term: 2 lectures and 1 laboratory period. *Professor Kranck*

Prerequisite: Geology 332a.

Textbook: Rogers and Kerr, Optical Mineralogy.

341b. PALEONTOLOGY Fourth year (Half course). The development of ideas concerning the origin of fossils. Kinds of fossils. Collecting, preparation, and naming of fossils. Brief survey of systematic paleontology, following the standard biological classification, with emphasis on fossil animals. The stratigraphic and economic importance of paleontology. The influence of paleontology upon the doctrine of evolution.

Second term: 2 hours and one laboratory period, and one full day's field work in April. *Professor Clark*

Prerequisites: Geology 121, or Zoology 11.

Text: Twenhofel and Shrock, Invertebrate Paleontology (McGraw-Hill), 1935.

342a. GEOMORPHOLOGY Third or Fourth year (Half course). A study of the surface features of the earth, their origins, changing aspects and influence on human activities. Special attention is given to the significance of various land forms in relations to soils, bedrock, rock structure and the distribution of natural resources. Maps, photographs, and local topographies provide illustrations.

First term: 2 lectures and 1 laboratory period. *Professor Riddell*

Prerequisite: Geology 121.

Text: Lobeck, Geomorphology, 1939 (McGraw-Hill).

343a. STRATIGRAPHY Fourth year (Half course). The principles of sedimentation—weathering; sources and origin of sedimentary rocks; significance of their textures and structures. The structural relationship of strata; areal distribution of sedimentary rocks.

Reference is made throughout the course to matters of economic importance.

First term: 2 lectures, 1 hour laboratory, and 2 full days of field work during October. *Professor Clark*

Prerequisites: Geology 121, 221.

Text: Twenhofel, Principles of Sedimentation, 2nd ed.

344b. MINERALOGRAPHY. Fourth year (Half course). Identification of ore minerals in polished sections by means of the reflecting microscope; interpretation of their textural relationships and paragenesis as related to ore genesis.

Second term: 1 lecture and 2 laboratory periods.

Professors Stevenson and Riddell

Prerequisites: Geology 331a or permission of instructor.

References: Bastin, Interpretation of Ore Textures (Memoir 45, Geological Society of America, 1950); Edwards, Textures of the Ore Minerals (Australian Institute of Mining and Metallurgy, 1947); Short, Microscopic Determination of the Ore Minerals (U.S. Geological Survey Bulletin 914, 1940).

441. ORE DEPOSITS (Fac. Eng. 1162). Fourth year (Full course). Nature origin, mode of occurence, and classification of deposits of metallic and of important non-metallic minerals; typical occurrences; geographical distribution.

2 lectures per week; one laboratory period, during second term.

Professor O'Neill

Prerequisites: Geology 231a, 332a.

References: Emmons, Principles of Economic Geology, 1940 (McGraw-Hill); Bateman, Economic Mineral Deposits, 1942 (Wiley).

442b. GEOLOGY AND NATIONAL RESOURCES OF CANADA (Fac. Eng. 1160). Fourth year (Half course). A systematic survey of the surface features, soils, bedrock geology, mineral resources, forests, water powers and other resources of Canada. Maps and photographs are used to illustrate the course.

Second term: 2 lectures and 1 laboratory period. *Professor Gill*

Prerequisites: Geology 232b, 233b, 332a.

HONOURS COURSE

Students intending to take Honours in Geology should discuss the matter with Professor Clark before registering in the second year.

Prerequisite: At least a good second class standing in Chemistry 11, Physics 11 and Mathematics 11a and 12b.

Second Year: Geology 121 (General Geology), 221 (Mineralogy), Chemistry 24 (Physical), Mathematics 24 (Calculus), Engineering 324 (Surveying), Engineering 352 (Surveying Field School—2 weeks), Physics 22 (Light, Heat and Sound).

Third Year: Geology 231a (Field Geology), 232b (Structural), 233b (Historical), 331a (Optical Crystallography), 332a (Petrology), 333b (Petrography), Physics 23 (Electricity and Magnetism), Engineering 375 (Surveying), 377 (Surveying Field School—2 weeks), and one Arts course.

Fourth Year: Geology 341b (Paleontology), or 344b (Mineralography), 342a (Geomorphology), 343a (Stratigraphy), 441 (Ore Deposits), 442b (Geology and Natural Resources of Canada), Physics 47b (Applied Geophysics), Chemistry 23a (Qualitative Analysis), and 71b (Quantitative Analysis), and one Arts course.

If Geology 121 is taken in the first year, advanced courses may be taken in the second and third years, as advised.

CONTINUATION COURSES

Second Year: Geology 121, or 221.

Third Year: Geology 231a to 442b.

Fourth Year: Geology 231a to 442b.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

GERMAN

Professor	W. L. GRAFF, *Chairman*
Assistant Professor	BERTHA MEYER
Lecturer	V. R. BLOCK

For special reasons approved by the Department, a student of any year may be permitted to take any German course, provided no timetable conflict is caused thereby.

1. GERMAN LANGUAGE. First and Second years (Full course). Students intending to proceed to Course 5 from the above must have obtained a high Second Class and are required to read during the summer the following: Remaining chapters of Koischwitz, Deutsche Fibel (Crofts) and Kästner, Emil und die Detektive (Holt).

   (*Beginners' B.A. Course.*)

   Those intending to proceed to Course 7 must have obtained a First Class and are required to study during the summer the following texts: Viebig, C., Der Gefangene (Crofts); Kästner, Emil und die Detektive (Holt & Co.); Storm, Immensee.

   3 hours — *Professor Meyer and Mr. Block*

   Texts: Curts, Basic German, Revised Edition (Prentice Hall, 1946); D. Koischwitz, Deutsche Fibel (Crofts).

2. GERMAN LANGUAGE. First and Second years (Full course).

   3 hours. — *Professor Meyer and Mr. Block*

   Prerequisite: German 1 or Matriculation in German, or their equivalent.

   Texts: Hinz, Das geheimnisvolle Dorf (Heath, Chicago German Series, Book 8); Kästner, Emil und die Detektive (Holt); Stroebe, Vom Alltag zur Literatur (Holt).

   Private Reading: Genialische Jugend (Houghton Mifflin Co.), German Graded Readers, Book 3.

3. GERMAN LANGUAGE. First and Second years (Full course). Students intending to proceed from German 3 to German 2 must have obtained a first or high second class and are required to read during the summer Koischwitz: Deutsche Fibel (Crofts). Those intending to proceed to German 5 must also read Kästner: Emil und die Detektive (Holt & Co.).

   3 hours — *Professors Meyer and Mr. Block*

   (Beginners' B.Sc. Course.)

   Texts: Curts, Basic German, Revised Edition (Prentice Hall, 1946); Fiedler and Sandbach, First Science Reader for German Students (Oxford Univ. Press).

4. GERMAN SCIENCE READING COURSE. Second and Third years. (Half course).

1 hour *Mr. Block*

Prerequisite: German 1 or German 3 or Matriculation in German.

Text: Curts, Readings in Scientific and Technical German (Holt & Co.).

5. GERMAN LANGUAGE. Second and Third years (Full course).

3 hours. *Professor Meyer and Mr. Block*

Texts: Stroebe: Vom Alltag zur Literatur (Holt); Hagboldt, Das Abenteuer der Neujahrsnacht (Heath, Chicago German Series, Book 9); Schiller, Maria Stuart (Holt).

Private Readings: Storm Immensee; Schnitzler, Der blonde Geronimo und sein Bruder.

6. GENERAL SURVEY OF GERMAN LITERATURE FROM LESSING TO MODERN EXPRESSIONISM. Second and Third years. This course is given in English for students who do not know enough German to understand lectures given in that language. It is not open to those who are taking or have taken any of the courses listed as German 8, 9, 10, 11, 12, 13, 14.

Professor Meyer

7. GERMAN LANGUAGE AND LITERATURE. Second and Third years (Full course). No student may proceed from German 1 to German 7 unless he has completed the summer work as given under Course 1.

3 hours. *Professor Meyer*

Texts: Sutcliffe: German Translation and Composition (Harrap & Co.); Fleissner and Fleissner, Der junge Goethe (Appleton, Century and Crofts); Goethe, Egmont.

Private Readings: Th. Mann, Tonio Kroger (Crofts & Co.); Eichendorff, Aus dem Leben eines Taugenichts (A. Holt & Co.).

German Conversation: Students of the Second Year intending to continue German in the Third Year must attend a class in Oral German (one hour a week) until in the Professor's opinion they have reached a satisfactory standard.

NOTE:—In order to be admitted to the following courses a student must know German well enough to understand lectures delivered in German and express himself in German with some degree of fluency and correctness.

8. GERMAN LITERATURE IN THE 18TH CENTURY. Third and Fourth years (Full course).

3 hours a week. *Professor Meyer*

Texts: Lessing, Emilia Galotti (Ginn.); Goethe, Iphigenie; Schiller, Wallenstein; Stroebe and Whitney, Geschichte der Deutschen Literatur.

Private Readings: Lessing, Minna von Barnhelm; Goethe, Urfaust; Schiller, Kabale und Liebe.

9. GERMAN LITERATURE IN THE 19TH CENTURY. Third and Fourth years (Full course). The important literary movements and writers of the 19th century are studied and discussed. Collateral readings.

3 hours *Professor Graff*

10. FROM NATURALISM TO EXPRESSIONISM. Fourth year (Full course).

3 hours *Professor Graff*

Prerequisites: German 8 and 9 or their equivalents.

11. MIDDLE HIGH GERMAN LANGUAGE AND LITERATURE. Third and Fourth years (Full course).

2 hours *Professor Graff*

Texts: A. Senn, An Introduction to Middle High German (Norton & Co., N.Y.).

12. GERMAN LYRICAL POETRY. Third and Fourth years (Half course).

1 hour *Professor Graff*

Text: F. Bruns, Die Lese der deutschen Lyrik (F. S. Crofts & Co.).

13. HISTORY OF THE TRAGEDY IN GERMAN LITERATURE. Third and Fourth years. (Full course).

2 hours *Professor Graff*

(*Not given in 1951-52.*)

14. GOETHE'S FAUST. Third and Fourth years (Half course).

1 hour. *Mr. Block*

(*Not given in 1951-52.*)

COGNATE COURSE

LINGUISTICS 21. INTRODUCTION TO THE STUDY OF LANGUAGE. Available to Second and Third year students. (Full course). An elementary survey of human speech, its nature, origin, structure and classification; principles

of linguistic change; writing and the alphabet; universal and auxiliary languages.

3 hours *Professor Carruthers*

(*Given in the Department of Classics.*)

HONOURS COURSES

The selection of Honours Courses in German must be approved by the Department.

Students honouring in the Second Year must choose two full courses from the following: German 5, 7, 8.

In the Third and Fourth years one full course must consist of either German 11 and 12 (or 14) or German 12 (or 14) and 13. The other full course must be chosen from German 8, 9 or 10.

Students may begin Honours in German in the Third Year, if in the opinion of the Department they are qualified to do so.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

HISTORY

Professors	H. N FIELDHOUSE, *Chairman* E. R. ADAIR
Associate Professors	C. C. BAYLEY J. I. COOPER
Assistant Professors	M. MLADENOVIC W. S. REID

COURSES FOR GENERAL STUDENTS

1. EUROPEAN CIVILIZATION IN THE MEDIAEVAL AND MODERN PERIODS. First year (Full course).

3 hours. *Professor Bayley*

The mediaeval period is studied in terms of its typical institutions: the Empire, the Papacy, feudalism, the gild, the dynastic state, etc. In the modern period, main emphasis is laid on the emergence of the Great Powers and the long-term problems, at home and abroad, which conditioned their policies.

ANCIENT HISTORY 11. First year (Full course). Students who wish to take this course should see the notes below on Continuation and Honours Courses in History.

3 hours. *Given by the Classics Department*

2. GENERAL HISTORY OF NORTH AND SOUTH AMERICA. Second year (Full course).

3 hours. *Professor Adair*

Approximately half of the lectures will be given to the history of the Colonial period and to that of the Latin American States in the period after they had achieved their independence; the other half, to the history of the United States.

3. HISTORY OF THE BRITISH EMPIRE. Second year (Full course). With the consent of the Department, this course may be taken by Third year students.

3 hours. *Professor Cooper*

The British Empire from 1600 to the end of the second World War, 1945. Economic and social development of the Empire at various stages of its growth: overseas settlement of British peoples; relations of Britain and India; constitutional evolution of the Commonwealth; the modern Colonial Empire, West Indies, West and East Africa, Malaya.

4. HISTORY OF CANADA. Third year (Full course). An additional Seminar in advanced Canadian History, of one hour per week, will be given to Honours students; time to be arranged.

With the consent of the Department, this course may be taken by Fourth year students.

3 hours. *Professor Cooper*

Early French and English enterprise in northeastern America; staple trades; settlement; colonial institutions. British America in the era of the American Colonial and French revolutions. Economic and political problems of the early XIXth century; the creation of the Canadian federal state: Western extension; development of the Canadian northland between two World Wars.

5. HISTORY OF GREAT BRITAIN. Fourth year (Full course). With the consent of the Department, this course may be taken by Third year students.

3 hours. *Professor Reid*

Survey of the development of British civilization since the Roman invasions. While constitutional and political changes are considered, the emphasis is placed (particularly in the modern period) on the economic, social and intellectual background.

8. THE RISE OF BRITISH INDUSTRIAL DEMOCRACY SINCE 1815. Fourth year (Full course). With the consent of the Department, this course may be taken by Third year students.

3 hours. *Professor Reid*

The economic expansion of Britain following the Napoleonic Wars and the consequent social and political movements: the rise of working class organizations, of trade unions and of the Labour party; the impact of major wars and depression upon Great Britain in the XXth century; the Labour Party's post-war rehabilitation measures.

9. DIPLOMATIC AND ECONOMIC HISTORY OF THE UNITED STATES AND CANADA. Third or Fourth year (Full course). Open only to students who have previously taken either History 2 or History 3.

3 hours. *Professor Cooper*

Survey of the diplomatic and economic history of the two countries, from 1783 to the present, with special reference to their mutual interests.

COURSES SPECIALLY FOR HONOURS STUDENTS

6. HISTORY OF EUROPE, 1789-1939. Fourth year (Full course).

3 hours. *Professor Fieldhouse*

10. MEDIAEVAL LIFE AND INSTITUTIONS. Second year (Full course).

3 hours. *Professor Bayley*

11. HISTORY OF MODERN EUROPE TO 1789. Third year (Full course).

3 hours. *Professor Adair*

12. THE GOVERNMENT OF ENGLAND, THE UNITED STATES, AND CANADA: A COMPARATIVE SURVEY. Fourth year (Full course).

3 hours. *Professor Bayley*

13. HISTORY OF ECONOMIC AND SOCIAL CONDITIONS, WITH SPECIAL REFERENCE TO ENGLAND. Fourth year (Full course).

3 hours. *Professor Adair*

15. THE HISTORY OF EUROPEAN THOUGHT SINCE THE RENAISSANCE. Fourth year (Full course). With the consent of the Department, this course may be taken by suitably qualified students, other than Honours students.

3 hours. *Professor Reid*

ADDITIONAL COURSES

16. HISTORY OF CELTIC BRITAIN AND IRELAND. Third and Fourth years (Full course).

3 hours. *Professor Reid*

(*Not given in 1951-52.*)

17. THE HISTORICAL BACKGROUND OF CONTEMPORARY EUROPE. Second, Third and Fourth years (Full course).

3 hours. *Professor Fieldhouse*

(*Not given in 1951-52.*)

18. HISTORY OF DIPLOMACY, WITH SPECIAL REFERENCE TO BRITISH FOREIGN POLICY SINCE 1815. Second, Third and Fourth years (Full course).

3 hours. *Professor Fieldhouse*

19. GENERAL HISTORY OF THE SLAVONIC PEOPLES (WITH SPECIAL EMPHASIS ON RUSSIA). Political, economic and social evolution of the Slavonic nations and their international relations from their origins to the 2nd World War. (Full course)

3 hours. *Professor Mladenovic*

It is expected that, in the session 1952-53, Professor Mladenovic will give a course in the History of Soviet Russia. Prerequisite to this course will be either History 17 or History 19.

20. THE SLAVS AND THE HAPSBURG MONARCHY. History of the problem of nationalities and of political stability in Central Europe from the time of the Slavonic migrations to the dissolution of the Austro-Hungarian Empire. (Full course)

3 hours. *Professor Mladenovic*

SPECIAL SUBJECTS

A period in, or aspect of Ancient History.

England in the Age of Wyclif.

Scotland in the XVI century.

England under the Early Stuarts.

England from the Restoration to the Accession of George III.

Economic and social change in Great Britain, 1832-1914.

French Canada in the XVIII century, and its relations with the English colonies.

British Imperial History — (a) Newfoundland (b) the West Indies in the XVII and XVIII centuries.

A topic in Canadian History, 1867-1896.

Origins of the First World War (1914-18) with special reference to British foreign policy.

Russia and the Pacific.

Honours students choose one of these special subjects for continuous study during their Third and Fourth Years. They are expected to acquire a general knowledge of the subject chosen, and to make a more intensive study of one of its aspects, from original sources.

HISTORY AS A CONTINUATION SUBJECT

Students who choose History as a Continuation Subject will take the following courses:

First Year:	History 1.
Second Year:	History 2 or 3.
Third Year:	History 4 or 9.
Fourth Year:	One of the following: History 5, 8, 17.

This represents the minimum requirement. Students may take additional courses in History, if they so wish.

Unless the special consent of the Department has been obtained for another arrangement, Continuation students must take History 1 as a prerequisite to either History 2 or History 3. They may, if they so wish, take Ancient History 11 in their First year. If they do so, they must take History 1 in their Second Year, and either History 2 or History 3 in their Third Year.

HISTORY AS AN HONOURS SUBJECT

Students who take Full Honours in History will take the following courses:

First Year:	History 1 and four other courses.
Second Year:	History 2 and 10. Three other approved courses, one of which, at least, must be a foreign language.
Third Year:	History 4 and 11, and one of the special subjects in History. Another approved course.
Fourth Year:	History 6, 12 and one chosen from History 9, 13, and 15. Completion of the special subject begun in the Third Year.

Students who take Honours in History and another subject will take the following courses in History:

First Year:	History 1.
Second Year:	History 2 and 10.
Third Year:	History 4 and 11.
Fourth Year:	History 12 and either 6 or 13.

Unless the special consent of the Department has been obtained for another arrangement, Honours students must take History 1 as a prerequisite to History 2 and 10.

Before being admitted to Honours standing in History, students are expected to have a knowledge of French and of Latin. The latter requirement may be satisfied by a First Year college course following matriculation Latin, or, at the discretion of the Department, by high ranking in Latin in a matriculation examination.

In addition to the examination in the subjects taken in the last year, Fourth Year Honours students have a general examination paper on the history studied by them in their four years.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

MATHEMATICS

Professors
HERBERT TATE, *Chairman*
P. R. WALLACE
W. L. G. WILLIAMS
HANS ZASSENHAUS

Associate Professors
CHARLES FOX
E. M. ROSENTHALL

Assistant Professors
J. D. JACKSON
JOACHIM LAMBEK
T. F. MORRIS
W. B. ROSS
C. D. SOLIN

Lecturers
OLGIERD BIBERSTEIN
M. D. BURROW
R. D. FULLERTON
MRS. I. S. MACQUARRIE
SAMUEL MELAMED
N. E. SMITH

Demonstrators
R. B. BORTS
HARRY SCHIFF
R. T. SHARP

FIRST YEAR

First year students will normally register for Mathematics 11.

Courses 13a and 13b are of a more advanced nature and concentrate on the development of facility in doing difficult and interesting problems. They are available only to those students whose matriculation standing in Mathematics is particularly high. Students, such as these, who contemplate taking an honours course associated with mathematics are recommended to take courses 13a and 13b or 24 instead of 11.

11. TRIGONOMETRY, ALGEBRA, ANALYTICAL GEOMETRY (Fac. Eng. 1200) (Full course).

PLANE TRIGONOMETRY. Radian measure, logarithms, definitions of the trigonometrical functions, relations between the trigonometrical functions, reduction of angles, addition formulae, transformations of sums and products, logarithmic solution of triangles, problems in heights and distances, inverse functions, solution of trigonometric equations, graphs.

ALGEBRA. Variation, progressions, permutations and combinations, mathematical induction, binomial theorem, theory of quadratic equations.

ANALYTIC GEOMETRY. The analytic geometry of the straight line and circle.

3 lectures per week, session. *Staff*

13a. ADVANCED TRIGONOMETRY (Half course). Treatment of topics in trigonometry not covered for matriculation, including graphs of trigonometric functions and graphical solution of equations.

First term: 3 hours *Professor Williams*

Text: MacRobert and Arthur, *Trigonometry, Part I* (Methuen).

13b. ADVANCED ALGEBRA (Half course). Among the topics included are the binomial theorem, summation of series, sigma notation, mathematical induction, analytic geometry.

Second term: 3 hours *Professor Williams*

Text: Barnard and Child, *A New Algebra, Vol. II* (Macmillan).

COURSES FOR GENERAL STUDENTS

23a. ANALYTIC GEOMETRY AND CURVE FITTING (Fac. Eng. 1206) (Half course). The analytic geometry of the straight line, circle, and parabola with application to curve fitting.

First term: 3 hours *Professor Tate and others*

Text: C. H. Sisam, *Analytic Geometry* (Holt).

23b. THEORY OF INTEREST (Fac. Eng. 1214) (Half course). Simple and compound interest, discount, annuities certain, sinking funds, bonds, elementary interpolation.

Second term: 3 hours *Professor Tate and others*

Text: H. Tate, *Mathematical Theory of Interest* (Pitman).

24. ELEMENTARY CALCULUS (Full course). Graphical representation, limits, differentiation and integration of elementary functions with applications to the determination of lengths, areas, and volumes and the solution of simple problems in mechanics, physics, etc., partial differentiation.

This course is intended to give students of biochemistry, chemistry, economics, and sociology a working knowledge of the elements of calculus.

3 hours *Professor Tate and others*

Texts: R. R. Middlemiss, *Differential and Integral Calculus* (McGraw-Hill).

28a. SPHERICAL TRIGONOMETRY AND ASTRONOMY. (Half course.) Geometry of the sphere, solution of spherical triangles, celestial sphere, time, positions of the heavenly bodies, determination of geographical position.

First term: 3 hours. *Professor Fox*

Texts: Rider and Hutchinson, *Navigational Trigonometry* (Macmillan); Kells, Kern, and Bland, *Spherical Trigonometry with Naval and Military Applications* (McGraw-Hill); *American Nautical Almanac for 1951* (U.S. Government Printing Office).

Reference books: R. H. Baker, *Astronomy* (Van Nostrand); W. M. Smart, *Text-book on Spherical Astronomy* (Cambridge University Press).

36a. ALGEBRA. (Half course.) Complex numbers, properties of polynomials, partial fractions, theory of equations, determinants.

First term: 3 hours. *Mrs. Macquarrie*

Text: F. S. Nowlan, *College Algebra* (McGraw-Hill).

36b. PLANE AND SOLID ANALYTIC GEOMETRY. (Half course.) The parabola, ellipse, and hyperbola. The general equation of the second degree. The elements of solid analytic geometry.

Second term: 3 hours. *Mrs. Macquarrie*

Prerequisite: Mathematics 23a or 14b.

Text: R. Robinson, *Analytic Geometry* (McGraw-Hill).

37a. FURTHER CALCULUS. (Half course.) Hyperbolic functions, partial differentiation, infinite series, beta and gamma functions.

First term: 3 hours. *Professor Lambek*

Prerequisites: Mathematics 24, 36.

Text: R. R. Middlemiss, *Differential and Integral Calculus* (McGraw-Hill).

37b. ELEMENTARY DIFFERENTIAL EQUATIONS. (Half course.)

Second term: 3 hours. *Professor Lambek*

Prerequisites: Mathematics 24, 36, 37a.

43b. MATHEMATICS OF LIFE INSURANCE. (Half course.) Expectations of life, annuities and assurances, reserves, return of premiums, conversion tables.
Second term: 3 hours *Professor Tate*

Prerequisites: Mathematics 23b.

Texts: Menge and Glover, *Mathematics of Life Insurance* (Macmillan); C. K. Knight, *Advanced Life Insurance* (Wiley).

47. HIGHER MATHEMATICS FOR CHEMISTS. For chemists and other qualified students (Full course). Selected topics in algebra, advanced calculus, and mechanics, designed for prospective students of Quantum Chemistry.
2 hours. *Professor Morris*

Prerequisite: Mathematics 24, 37a, 37b.

HONOURS COURSES

Second Year

25. CALCULUS. (Full course.) Limits, derivatives, and integrals. Application of differentiation and integration to the solution of problems involving maxima and minima, rates, curvature, lengths of curves, areas, volumes of solids, centres of gravity, and similar problems, theorems of Rolle and Taylor.
3 hours. *Professor Rosenthall*

Text: Sherwood and Taylor, *Calculus* (Prentice-Hall).

26. ANALYTIC GEOMETRY AND VECTOR ANALYSIS. (Full course.) The plane analytic geometry of the straight line, circle, ellipse, parabola, hyperbola, confocal conics, the general equation of the second degree, polar co-ordinates, the line and plane in three dimensions, vector analysis.
3 hours *Professor Solin*

Texts: Brown and Manson, *Analytic Geometry* (Macmillan); Bell, *Co-ordinate Geometry of Three Dimensions* (Macmillan); Coffin, *Vector Analysis* (Wiley).

27a. ALGEBRA AND THEORY OF EQUATIONS. (Half course.) Determinants, mathematical induction, properties of polynomials, partial fractions, synthetic division, complex numbers, including DeMoivre's theorem, elementary theory of equations, including the approximate solution of equations by Horner's method and the algebraic solution of the cubic and biquadratic.
First term: 3 hours *Professor Williams*

Third Year

31a. STATICS, DYNAMICS OF A PARTICLE, AND RIGID DYNAMICS (Physics 31a) (Half course). Dynamics of a particle in one and two dimensions, motion of pairs of particles, introduction to dynamics of rigid bodies, mass systems.

First term: 3 hours *Professor Terroux*

Texts: Lamb, *Statics*, and Lamb, *Dynamics* (C.U.P.);

Reference books: Synge and Griffith, *Principles of Mechanics* (McGraw-Hill); Slater and Frank, *Mechanics* (McGraw-Hill).

31b. STATICS, DYNAMICS OF A PARTICLE, AND RIGID DYNAMICS (Physics 31b) (Half course). Central orbits, elements of rigid dynamics in two and three dimensions, Lagrange's equations with simple applications, oscillation about equilibrium positions.

Second term: 3 hours. *Professor Wallace*

Text: Slater and Frank, *Mechanics* (McGraw-Hill).

Reference Books: The books listed in 31a above.

32a. SOLID ANALYTIC GEOMETRY AND SPHERICAL TRIGONOMETRY (Half course). Transformation of axes, the sphere, cone, central conicoids and paraboloids, plane sections, ruled surfaces of the second degree, confocal conicoids, the general equation of the second degree.

The spherical triangle, polar triangle, Napier's rules, solution of triangles; solid angles and areas, spherical excess.

First term: 3 hours. *Professor Fox*

Texts: Bell, *Coordinate Geometry of Three Dimensions* (Macmillan); MacRobert and Arthur, *Spherical Trigonometry* (Methuen).

33. DIFFERENTIAL EQUATIONS AND ADVANCED CALCULUS (Full course). Solvable types of ordinary differential equations, exact differentials, linear differential equations, singular solutions, introduction to solution by series, Fourier series, introduction to partial differential equations, systems of ordinary equations, partial differentiation, differentials, transformation of variables, Jacobians, mean value theorems with applications, indeterminate forms, line integrals, Green's and Stokes's theorems.

3 hours *Professor Rosenthall*

Texts: Franklin, *Methods of Advanced Calculus* (McGraw-Hill); Piaggio, *Differential Equations* (Bell and Sons).

34b. ANALYSIS I. (Half course.) The real number system, continuous and discontinuous functions, derivatives and differentials, Riemann integration, introduction to infinite series.

Second term: 3 hours. *Professor Williams*

Text: G. H. Hardy, *Pure Mathematics* (C.U.P.).

38b. ELEMENTARY PROBABILITY AND MATHEMATICAL STATISTICS. (Half course.) Averages, measures of dispersion, probability functions, the normal curve, comparison of distributions, correlation, sampling

Second term: 3 hours. *Professor Fox*

Prerequisites: Mathematics 24 or 25, 26 or 36, 37a.

Texts: S. S. Wilks, *Elementary Statistical Analysis* (Princeton University Press).

39b. VECTOR METHODS. (Half course.) Differentiation of vectors, the hodograph, components of velocity and acceleration, space curves. Gradient of scalar fields, surfaces, normals, tangent planes. Vector fields, divergence and curl, Green's and Stokes's theorems, etc. Reduction of vectors into solenoidal and irrotational parts, the existence of potentials. Orthogonal curvilinear co-ordinates, notion of line element. Formulation of the equations of physics.

Second term: 3 hours. *Professor Morris*

Fourth Year

41. MATHEMATICAL PHYSICS (Physics 41) (Fac. Eng. 1390). (Full course.) Potential theory, conduction of heat, diffusion, vibration problems, acoustics, elasticity, theory of the origin of spectra, calculations in nuclear physics.

3 hours. *Professors Wallace and Foster*

Reference books: Joos, *Theoretical Physics* (Blackie); Page, *Introduction ot Theoretical Physics* (Van Nostrand), Slater and Frank, *Introduction to Theoretical Physics* (McGraw-Hill), Houston, *Introduction to Mathematical Physics* (Longmans).

42. ALGEBRA. (Full course.) Number systems of algebra, introductions to basic algebraic systems such as groups, rings, fields, theory of matrices, projective geometry, linear algebras.

The first term of this course, designated as 42a, will be taken as a separate course by students in Honours Mathematics and Physics.

3 hours. *Professor Zassenhaus*

Texts: Birkhoff and MacLane, *Survey of Modern Algebra* (Macmillan).

Reference: Van der Waerden, *Moderne Algebra.*

43a. FINITE DIFFERENCES. (Half course.) Finite differences, approximate integration, difference equations.

First term: 3 hours *Professor Tate*

Texts: W. E. Milne, *Numerical Calculus* (Princeton University Press)

44. ANALYSIS II. (Full course.) Convergence of integrals, functions of bounded variation, theory of Fourier series and other infinite series, definition of analytic functions and their differentiation, Cauchy's integral formula, Taylor and Laurent series, residues; contour integration, special functions, e.g., gamma, Bessel, elliptic; conformal transformations, theorems of Mittag-Leffler and Weierstrass.

3 hours. *Professor Fox*

Texts: Copson, *Complex Variable;* Franklin, *Treatise on Advanced Calculus;* Whittaker and Watson, *Modern Analysis* (C.U.P.).

45a. PRACTICAL NUMERICAL ANALYSIS. (Half course.) Graphical differentiation and integration, smoothing of data and curve fitting, and numerical solution of algebraic differential equations, numerical solution of simultaneous linear equations, evaluation of determinants, characteristic roots, harmonic analysis, nomography.

First term: 3 hours. *Mr. Burrow*

(*Not given in 1951-52.*)

46a. FLUID DYNAMICS. (Half course.) The equations of motion, conservation of energy and circulation, the theory of images, complex potential and conformal transformation methods, especially solutions for vortex arrays and aerofoil theory, Stokes's stream function for three-dimensional solutions, the equations of viscous flow and boundary layer motion.

First term: 3 hours. *Professor Fox*

Texts: Milne-Thomson, *Hydrodynamics* (Macmillan); Ramsey and Besant, *Hydro-Mechanics* (C.U.P.).

46b. MATHEMATICAL THEORY OF ELECTRICITY AND MAGNETISM. (Half course,) Basic theory of electrostatics and steady current theory, using the theory of images and complex potentials; magnetism, magnetic effects of currents and electro magnetic induction, Maxwell's equations, reflection and refraction of waves; rectangular wave guide propagation; dipole radiation and antennae.

Second term: 3 hours

Text: Slater and Frank, *Electro-magnetism* (McGraw-Hill).

(*Not given in 1951-52.*)

48b. ADVANCED DYNAMICS. (Half course.) General formulation of Lagrangian dynamics, Hamiltonian equations. Least action principle. Canonical transformations. Poisson brackets. Hamilton-Jacobi theory. Introduction to special relativity in classical mechanics.

Second term: 3 hours. *Professor Jackson*

Text: Goldstein, *Classical Mechanics.*

49. MATHEMATICAL STATISTICS. (Full course.) Binomial, Poisson, Lexis, and normal distributions; regression and correlation, simple sampling, beta and gamma distributions, chi-square, small samples, variance and covariance, multivariate distributions, nature of statistical hypotheses. 3 hours. *Professor* ————————

Prerequisites: Mathematics 25, 26, 27a, 33, 38b.

Texts: Weatherburn, *Mathematical Statistics* (C.U.P.); Hoel, *Mathematical Statistics* (Wiley).

SUMMARY OF ORGANIZED COURSES OF STUDY

The following courses of study are designed to give students the maximum opportunity of entering various fields in which mathematical training is fundamental. Attention is particularly called to opportunities in: research in Pure and Applied Mathematics; teaching in Universities and High Schools; applications to engineering, and the physical and biological sciences; statistical work in industry and government departments; actuarial work in insurance companies.

(a) Continuation Courses for the General Degree.

These are Courses 23a, 23b, 24 *or* 25, 36a, 36b, 37a, 37b, 38b, 28a, 43a,b. (See pages 1015, 1024.)

(b) General Degree with Special Distinction in Mathematics.

The prescribed courses are:

Second year: 25, 26.

Third Year: 27a, 33 and 34b or 38b or Physics 24.

Fourth Year: Any two Mathematics Honours courses of the Third and Fourth Years for which prerequisite requirements are satisfied.

This course of study may be conbined with any combination of other subjects which satisfy the normal requirements for the General Degree.

(c) Half-Honours in Mathematics.

The prescribed Mathematics Courses are those laid down in (b) above. In order to obtain Half-Honours in Mathematics, this course of study must be combined with Half-Honours in some other subject, e.g., Philosophy. (See page 1022.)

(d) Honours Course in Economics and Mathematics.

Second Year: Two approved full courses in Economics together with Mathematics 25, 26, and one elective course in any approved subject.

Third Year: Two approved full courses in Economics together with Mathematics 27a, 33, 38b.

Fourth Year: Two approved full courses in Economics together with Mathematics 42 and any other approved elective course which may be, if desired, a second Mathematics course selected with the approval of the Chairman of the Mathematics Department.

(e) Honours Course in Mathematics.

Prerequisite: High standing in first year Mathematics.

Second Year: 25, 26, 27a, and Physics 24.

Third Year: 32a, 33, 34b, and one other approved course in Mathematics.

Fourth Year: 42, 44, and one other approved course in Mathematics.

The other courses in the second year and one in each of the third and fourth years are to be selected with the approval of the Chairman of the Mathematics Department. Note that Mathematics 31 is prerequisite to Mathematics 41.

(f) Honours Course in Pure and Applied Mathematics.

Prerequisite: High standing in first year Mathematics and Physics.

Second Year: The same as (g) below.

Third Year: 32a, 33, 34b, 38b, 39b. Physics 31, 33M, 34, 35a.

Fourth Year: 41, 42, 44, 46a, 48b. Physics 42, 44b, 45.

(g) Honours Course in Mathematics and Physics.

Prerequisite: High standing in first year Mathematics and Physics.

Regular Course

Second Year: Mathematics 25, 26, 27a, 28a. Physics 23, 24b, 25. One other approved course may be added as an extra.

Third Year: Mathematics 32a, 33, 34b. Physics 31, 32, 33, 34, 35a.

Fourth Year: Mathematics 41, 42a, 44, 46a, or 48b. Physics 42, 43, 44, 45.

Applied Mathematics Option

Second Year: As in regular course above.

Third Year: Mathematics 31, 32a, 33, 34b, 38b, 39b. Physics 33a, 34, 35a.

Fourth Year: Mathematics 41, 42, 44, 46a, 48b. Physics 42, 44b, 45.

Students intending to proceed later with advanced or graduate training in Meteorology may, with the approval of the departments concerned, substitute course 44, Meteorology, in the Department of Geography (see page 1087) instead of one full or two half courses in fourth year Mathematics.

It is recommended that a reading knowledge of scientific French and German be acquired before the end of the Fourth Year, in courses (*e*), (*f*), and (*g*) above.

(h) Engineering Physics.

This course, leading to a B.Eng. degree, is fully described in the Announcement of the Faculty of Engineering.

See also Engineering option in Honours Mathematics and Physics, as given on page 1129.

(i) Courses in the Faculty of Engineering.

These are described in detail in the Announcement of the Faculty of Engineering.

MEDAL

Attention is drawn to the Ann Molson Gold Medal, awarded annually.

GRADUATE COURSES IN PURE AND APPLIED MATHEMATICS

Organized courses of study are available for graduate work leading to a Master's degree. Details are available in the Announcement of the Faculty of Graduate Studies and Research.

MUSIC

DEAN DOUGLAS CLARKE AND STAFF

The courses in Music are open to those who have the qualifications for the regular courses of Music given in the Faculty of Music. The following courses may be taken as electives in the Faculty of Arts and Science. The first course of Music is for those who have offered Music as a Matriculation subject.

1. FIRST COURSE. (Full course)

(*a*) *Harmony.*

One hour.

The work covered is that required for the Intermediate Grade Theoretical Examination of the Local Centre Examinations. (See the Announcement of the Faculty of Music.)

Texts: MacPherson, Rudiments of Music; Kitson, Elementary Harmony, Part I.

(b) *Form and Analysis.*

One hour.

Phrase, sentence, sequence, cadence, accent, rhythm, time, melody. Modulation. Early dance forms. Suites—with special consideration of the Minuet and Trio.

Texts: MacPherson, Form in Music; MacPherson, Studies in Phrasing and Form; R. O. Morris, Structure of Music.

(c) *History (outline).*

One hour.

Texts: Stanford & Forsyth, A History of Music; Finney, A History of Music; Nef, A History of Music.

(d) *Aural Training.*

One hour.

Development of a mental appreciation of scale degrees; recognition of intervals and simple rhythms; quality of tone.

Text: Champagne, Solfege Pratique (Archambault).

2. SECOND COURSE. (Full course)

(a) *Harmony.*

One hour.

The work covered is that required for the Senior Grade Theoretical Examination of the Local Centre Examinations. (See the Announcement of the Faculty of Music.)

Texts: MacPherson, Rudiments of Music, Practical Harmony; Kitson, Elementary Harmony, Part II.

(b) *Form and Analysis.*

One hour.

Sonata form, sonato rondo form, standard type of classical sonatas, quartets, symphonies. The overture.

Texts: In addition to books on Form recommended for First Year: Tovey, Essays in Musical Analysis; Tovey, A Companion to Beethoven's Pianoforte Sonatas.

(c) *History (1600-1900).*

One hour.

Texts: Colles, Growth of Music; Fellowes, The English Madrigal. Scholes, Listeners' History of Music, Part III.

General reading: Parry-Williams, A Music Course; Finney, A History of Music; Parry, Evolution of the Art of Music; Lang, Music in Western Civilization; Bukofzer, Music in the Baroque Era.

(d) *Aural Training.*

One hour.

Detecting major and minor chords, diminished and augmented triads; Dominant 7ths. Dictation, with modulation to neighbouring keys. Sight reading in two and three parts. Chromatic intervals.

Text: Dannhauser, Solfege des Solfeges.

3. THIRD COURSE. (Full course)

(a) *Harmony and Counterpoint.*

One hour.

Harmony—Vocal in three and four parts, up to chords of major and minor ninth and secondary sevenths, including the use of suspensions and passing notes (harmonizing of melodies and figured and unfigured bass, the completing of a harmonic sentence from a given pattern).

Texts: Macpherson, Melody and Harmony; Buck, Unfigured Harmony.

Counterpoint—In two parts; up to, and including 5th Species.

Texts: Gladstone, Strict Counterpoint; Kitson Counterpoint for Beginners; Pearce, Students' Counterpoint.

(b) *Form and Analysis.*

One hour.

Origin, development of the Fugue. Analysis of some of the "48" and better known organ fugues. Comparison of fugues by various composers.

Texts: Gray, Bach's Forty-eight; Macpherson, Bach's Forty-eight (A Commentary); Prout, Fugue.

(c) *History (earliest times up to 1600).*

One hour.

Texts: Madeley Richardson, The Mediaeval Modes; Parry, The Art of Music; Dyson, The Progress of Music; Bacharach, The Musical Companion; Parry, Summary of Musical History; Walker, History of Music in England; Reese, Music in the Middle Ages; Sachs, The Rise of Music in the Ancient World, East and West; Boyd, Elizabethan Music and Music Criticism.

(d) *Chamber and Orchestral Music, Opera and Score Reading.*

One hour.

Chamber music and its development. Music for viols. The string quartet. Opera. History of the development of the orchestra. Haydn's orchestra. Beethoven's orchestra. Description of orchestral instruments. The symphony. (The phonograph will be used.)

Texts: Dunhill, Chamber Music; Dunhill, Mozart's String Quartets; Tovey, Essays in Analysis (Vol. I); Dent, Opera; Terry, The Music of Bach; Dickenson, Mozart's Last Three Symphonies (Pilgrim); Gordon Jacob, How to Read a Score.

4. FOURTH COURSE. (Full course)

(a) *Harmony.*

One hour.

Instrumental, in three and four parts. Figuration.

Text: Morris, Foundations of Practical Harmony and Counterpoint.

(b) *Counterpoint.*

One hour.

Strict (covering all species) up to three parts. Answers to fugue subjects. Fugal exposition in two parts.

Texts: Madeley Richardson, Fundamental Counterpoint; Higgs, Fugue; Prout, Fugue; Madeley Richardson, Helps to Fugue Writing.

(c) *History (modern).*

One hour.

Texts: Nef, An Outline of the History of Music; Ewen, From Bach to Stravinsky; Bauer, Twentieth Century Music; McNaught, Modern Musicians; Dyson, The New Music; Lambert, Music Ho!; Copland, Our New Music.

(d) *Form and Analysis.*

One hour.

Analytical study of great works.

Texts: Various publications in the Musical Pilgrim Series, (Oxford University Press); Tovey, Essays in Musical Analysis; Vaughan Williams, National Music; Tovey, A Companion to Beethoven's Sonatas; Markham Lee, Brahms' Orchestral Works; Harrison, Brahms and his Four Symphonies; Dyson, The New Music.

(e) *Orchestral and Chamber Music Repertoire* (with gramophone).

One hour.

Critical listening. Extended Chamber Music with solo instruments and advanced study of orchestral repertoire.

Texts: Forsyth, Orchestration; Tovey, Essays in Music Analysis, Vols. 1 to 5; Colles, The Chamber Music of Brahms (Pilgrim).

PHILOSOPHY

Professors	R. D. MACLENNAN, *Chairman* RAYMOND KLIBANSKY
Associate Professor	T. G. HENDERSON
Assistant Professor	CECIL CURRIE
Lecturer	ALASTAIR MACKINNON
Assistant	VIANNEY DÉCARIE

GENERAL COURSES

1. INTRODUCTION TO PHILOSOPHY. Second year (Full course). Special weekly conference groups will be held under the direction of Professors Currie and Henderson, and Doctors Décarie and MacKinnon.

An introduction to the chief problems of Philosophy in connection with their development in Greek and more especially in modern times. Preparatory reading in Dickinson, The Greek View of Life, William James, Selected Papers on Philosophy, and Bertrand Russell, Problems of Philosophy, will be found helpful.

Prescribed reading: Dialogues of Plato (Modern Library); *Descartes, Berkeley, Hume;* Stebbing, *A Modern Elementary Logic* (Methuen).

Lectures: 2 hours *Professor Maclennan*

2. ETHICS. Second year. (Full course.)

The main types of ethical theory.

Reading: Plato's *Republic* (Golden Treasury); Butler's *Fifteen Sermons* (Matthews, Bohn Library, Bell); Hobbes, *Leviathan*, and Mill,

Utilitarianism (Everyman Library); Kant, *Fundamental Principles of the Metaphysics of Morals* (T. K. Abbot, Longmans); Leon, *Ethics of Power.*

3 hours. *Professor Maclennan*

3. LOGIC AND SCIENTIFIC METHOD. (Full course.)

First term: the general principles of Logic, both Formal and Inductive.

Second term: the modern extension of the scope of Logic, including such subjects as verification and the theory of probability, and an examination of the methods of reasoning employed in certain sciences. The course concludes with a discussion of some of the logical and philosophical issues of contemporary science.

3 hours. *Dr. MacKinnon*

Reading: J. N. Keynes, *Formal Logic* (Macmillan); L. S. Stebbing, *A Modern Introduction to Logic* (Methuen); Cohen and Nagel, *An Introduction to Logic and Scientific Method* (Harcourt, Brace); J. M. Keynes, *Treatise on Probability* (Macmillan).

Prerequisite: Philosophy 1, except for recommended students of science.

4. AESTHETICS. (Full course.) A philosophical analysis of the following problems arising out of aesthetic experience: the relation of aesthetic experience to daily life, science, and moral principles; the nature of art; the materials, forms, and expressive functioning of objects selected from various arts (including poetry); criteria of artistic style, quality, truth, and greatness.

3 hours *Professor Henderson*

Prerequisite: At least one full course in philosophy. With the consent of the lecturer, special students may be permitted to take this course without this requirement being fulfilled.

Text-book: T. M. Greene, *The Arts and The Art of Criticism* (Princeton University Press).

Reference-books: John Dewey, *Art As Experience* (Minton, Balch & Co.); George Santayana, *The Sense of Beauty* (Scribner's) and *Reason in Art* (Scribner's); David Prall, *Aesthetic Judgment* (Crowell) and *Aesthetic Analysis* (Crowell); R. G. Collingwood, *The Principles of Art* (Oxford).

HISTORICAL

5. GREEK PHILOSOPHY. Third and Fourth years (Full course). The theory of knowledge and metaphysics of Plato and Aristotle, with special reference to Plato's *Phaedo, Symposium, Republic* (Books V-VII),

Theaetetus, and *Timaeus;* and Aristotle's *Physics, Metaphysics, De Anima*, and *Poetics.*

3 hours *Professor Henderson*

Prerequisite: Philosophy 1 or 2, except for students in Honours courses in Greek.

Reading: The Works of Plato (Modern Library); *Timaeus* (Liberal Arts Press); *The Basic Works of Aristotle* (Random House).

6. MODERN PHILOSOPHY (Full course). Main problems of modern philosophy, with special reference to the development from Descartes to Kant.

3 hours. *Professor Currie*

Prerequisite: Philosophy I.

Reading: Selections from Descartes (Scribner); Spinoza (Scribner); Hume (Scribner); Kant, *Prolegomena to any Future Metaphysic* (Open Court).

7. MEDIAEVAL PHILOSOPHY (Full course). Main problems of mediaeval philosophy in their development from St. Augustine to the Fifteenth Century, with special reference to Boethius, Scotus Eriugena, Anselm, Abailard, the School of Chartres, St. Thomas, Master Eckhart, Duns Scotus, William of Ockham, and Nicholas of Cues.

Reading: St. Augustine, *Confessions* (Loeb Library), and *City of God* (Everyman Library, London 1945); selections from *Mediaeval Philosophers, vols. I-III* (Modern Student's Library, Scribner's).

3 hours. *Professor Klibansky*

Prerequisite: Philosophy 1; or consent of lecturer.

SYSTEMATIC AND ADVANCED COURSES

8. ETHICS AND PHILOSOPHY OF POLITICS (Full course).

Reading: Plato, *Crito, Gorgias, Republic, Statesman;* Aristotle, *Ethics* and *Politics;* Thomas Aquinas, selected portions from the *Summa Theologica* and the *Summa contra Gentiles;* Machiavelli, *The Prince* and *Discourses* (New York 1940); Locke, *The Second Treatise of Civil Government*, and *A Letter on Toleration* (Oxford 1946); Kant, *Perpetual Peace;* Hegel, *Philosophy of History* (Scribner) and *Philosophy of Right* (Oxford 1942); Mill, *On Liberty* and *Considerations on Representative Government* (Oxford 1946); M. Oakeshott, *The Social and Political Doctrines of Contemporary Europe* (Cambridge 1944).

3 hours. *Professors Klibansky and Maclennan*

Prerequisite: Philosophy 2. Honours students from other departments may be admitted with the consent of the lecturers.

9. PROBLEMS OF LOGIC, EPISTEMOLOGY, AND METAPHYSICS (Full course).

(*a*) An examination of fundamental problems of logic, theory of knowledge, and metaphysics will be made on the basis of selected readings in the works of Mill, Bosanquet, Stebbing, Russell, Joachim, Santayana, Husserl, and other contemporary authors.

(*b*) The philosophy of Whitehead.

3 hours *Professors Klibansky and Henderson*

Prerequisites: Philosophy 1, 3 or 5, and 6.

10. SEMINAR ON THE PHILOSOPHY OF KANT (Full course).

2 hours *Professor Currie*

Reading: Kant, *Critique of Pure Reason* (trans. Kemp Smith), *Critique of Judgement* (trans. Bernard).

Prerequisite: Philosophy 6.

11. SEMINAR ON PHILOSOPHY—I (Full course).

3 hours.

Professors Currie, Henderson, and Maclennan, and Dr. MacKinnon

Subject for 1951-52: Issues in Contemporary Philosophy.

Reading: G. Ryle, *The Concept of Mind;* R. G. Collingwood, *Philosophical Method;* D. Emmet, *The Nature of Metaphysical Thinking.*

Prerequisites: See note following course 12.

12. SEMINAR ON PHILOSOPHY—II (Full course).

3 hours. *Professor Klibansky*

Subject for 1951-52: The Problems of Knowledge and Truth.

Interpretation of Plato's later Dialogues (Parmenides, Sophist, Philebus) and Seventh Letter; Hegel and Kierkegaard; the concept of Existential Truth in modern philosophy.

Prerequisites: The above seminar courses are open to Fourth Year Honours and Graduate students; or may be taken with special consent of the lecturer.

HONOURS COURSES

Full Honours students will take at least the following courses:

Second Year: Philosophy 1, (2).

Third Year: Philosophy, 2, 3, 5, and 6.

Fourth Year: Philosophy 8, 9, and 10.

Full Honours students are advised to take Philosophy 1 and 2 in the Second Year.

For any combined Honours Course, a total of five full courses including Philosophy 1. Such subjects as Mathematics, Literature, History, or a social science are recommended for combined honours.

At the conclusion of the Fourth Year, there is a comprehensive examination on the total work done in the field of Philosophy, which will take the place of examinations in the courses of that year. For full Honours students the examination will consist of three papers; one in the history of philosophy, one in ethics, and one in systematic Philosophy (logic, epistemology, and metaphysics). Students pursuing a combined honours course will take two of the papers, the selection being made in accordance with the combined subject-matter of their course of study. The examination will presume a knowledge of the major classical works in each of these fields, some of which may not be dealt with in any lecture course or seminar.

CONTINUATION COURSES

Students interested in studying Philosophy in conjunction with other subjects are advised to take their courses in Philosophy in the sequences indicated below in connection with the other studies.

1. Philosophy with one or more studies in the social sciences, e.g., economics, history, politics, psychology and sociology:

Philosophy 1, Philosophy 2, Philosophy 8, Philosophy 5.

2. Philosophy, with one or more studies in the natural sciences, e. g., biochemistry, botany, chemistry, genetics, physics, zoology:

Philosophy 1, Philosophy, 3, 6, or 9.

3. Philosophy with studies in English or Foreign Literature:

Philosophy 1, Philosophy 2, Philosophy 4 or 6.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

PHYSICS

Professors	A. Norman Shaw, *Chairman*
	J. Stuart Foster
	G. A. Woonton
Associate Professors	J. S. Marshall
	E. R. Pounder
	F. R. Terroux
	H. G. I. Watson
	C. H. Westcott
Assistant Professor	Anna I. McPherson
Lecturers (1950-51)	J. A. Carruthers
	M. L. De Angelis
	Sydney Wagner
Sessional Lecturers (1950-51)	W. S. Boyle
	Arne Henrikson

FIRST YEAR COURSES*

11. GENERAL COURSE (Fac. Eng. 1311) (Full course). A general course covering the elementary portions of mechanics, sound, heat, magnetism, electricity, light, and atomic physics. Simple applications of fundamental principles to well known phenomena are explained with the aid of demonstrations, laboratory work, and numerical examples.

3 hours† *Dr. Wagner, and Mr. Henrikson*

Laboratory (11L): 2 hours *Professor McPherson and Demonstrators*

Texts: Mendenhall, Eve, Keys, and Sutton, *College Physics* (Heath & Co.); *An Elementary College Course in Experimental Physics* (Renouf Publishing Co.).

12. OUTLINE OF PHYSICS—INTRODUCTORY GENERAL COURSE (Full course). An introductory general course covering all the major branches of physics in a non-technical manner The use of mathematics is kept to a minimum and the emphasis is on general principles rather than on facility to do problems.

(*Open to B.A., B.Com., Physical Education, and Physiotherapy students.*)

3 hours (also laboratory)† *Dr. Boyle and Demonstrators*

Texts: Howe, *Introduction to Physics* (McGraw-Hill); *An Elementary College Course in Experimental Physics* (Renouf).

Reference book: Mendenhall, Eve, Keys, and Sutton, *College Physics* (Heath).

*These courses (11 or 12) may be taken in the second or third years by *B.A.* or *B.Com.* Students provided that their time-tables permit.

†Voluntary tutorials are provided to assist students in Physics 11 and 12.

SECOND YEAR COURSES*

21. GENERAL COURSE. (Full course.)† A second course in general physics suitable for general arts and science, biological honours, and pre-medical students who are not intending to proceed further with physics. The course covers in a more advanced way the fields indicated for course 11, and includes references to the applications of physics in biological and other fields.

3 hours. *Dr. Carruthers*

Laboratory (21L): 3 hours. *Demonstrators*

Prerequisite: Physics 11.

Text: Mendenhall, Eve, Keys and Sutton, *College Physics* (Heath & Co.): *Laboratory Manuscripts*, (mimeographed).

22. (*a*) HEAT (Fac. Eng. 1320), (*b*) LIGHT AND SOUND (Fac. Eng. 1322). (Full course.)

(*a*) Calorimetry, heat transfer, change of state, critical state, hygrometry, engines, elementary kinetic theory, and thermodynamics.

(*b*) Illumination, reflection, refraction, interference, nature and velocity of light, optical apparatus, vision, spectroscopy, polarimetry. Nature and velocity of sound, pitch, loudness, quality, wave analysis, interference, resonance, vibrations, instruments, hearing. Emphasis on demonstrations, applications, and problems.

3 hours *Professor Marshall*

Laboratory (22L): 2 hours
Professors Terroux and McPherson and Demonstrators

Prerequisite: Physics 11.

(If desired, the course on Heat (22a) given in the first term or the course on Light and Sound (22b) given in the second term may each be taken as a half course.)

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†Attention is drawn to the third year course, Physics 30, which is recommended instead of Physics 21 for students who have studied calculus, or propose to study it in their second year. Students intending to proceed with more advanced physics later should choose 22, 23, and 35b during their second, third, and fourth years, omitting 21 and 30.

*Courses 21, 22, 23, 24 or 25 may be taken by *B.A.* or *B.Sc.* students (general course) in their third year provided that their time-tables permit. Courses 23, 24, or 25 may be taken by *B.A.* students in their fourth year provided that their time-tables permit.

Texts: Marshall, *Heat, Light, and Sound* (McGill Physics Department); *Heat, Light, and Sound Laboratory Manual* (Renouf Publishing Co.).

Reference book: Noakes, *A Text-book of Heat* (Macmillan).

23. ELECTRICITY AND MAGNETISM (Fac. Eng. 1340, 1344). (Full course.) The fundamentals of magnetism, electrostatics, current electricity, electromagnetic induction, electrodynamics, theory of simple circuits, elementary electronics. Demonstrations, applications, and numerical examples are emphasized. The laboratory course is essential and complementary to the lectures, illustrating main principles and providing a thorough introduction to the theory and use of common electrical apparatus.

2 hours and one tutorial — *Professor Pounder*

or 2 hours and 23S* — *Professor Watson*

Laboratory (23L) 3 hours. — *Professor Pounder and Demonstrators*

Prerequisite: Physics 11. Mathematics 24 or 25 to be taken concurrently.

Texts: Mendenhall, Eve, Keys and Sutton, *College Physics* (Heath); Ward, *Introduction to Electrical Engineering* (Prentice-Hall).

Reference books: Signal Training Manual, Vol. II, Part I, Electricity and Magnetism (H.M. Stationery Office); Page, *Lessons in Electricity* (Macmillan); Brown, *Electricity and Magnetism* (Holt); Starling, *Electricity and Magnetism* (Longmans Green).

23X. ELECTRICITY AND MAGNETISM (Half course). Same as course 23 without laboratory work.

2 hours and 1 tutorial. — *Professor Pounder*

(*Note:* This course, without laboratory, may be taken by Third Year Honours students in Chemistry, at the request of the Chemistry Department.)

24b. DYNAMICS (Half course). Kinematics, vectors, motion under gravity, laws of motion, applications, impulse, work and energy in linear motion and rotation, projectiles, collision of elastic bodies, normal accelerations, simple harmonic motion, wave motion, pendulum, moments of inertia.

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*In the case of Honours students, the tutorials are replaced by supplementary lectures (23S) on the more advanced parts of this course, including, in particular, the properties of electric and magnetic fields. (No examination is required on this part of the course.)

Students are required to work a large number of problems. (Elementary applications of calculus are included.)

Prerequisite: Physics 11.

Text: Loney, *Statics and Dynamics* (C.U.P.).

Second term: 3 hours *Professor Terroux*

25. STATICS AND HYDROSTATICS (Half course). Statics of particles and rigid bodies acted on by forces in one plane, centre of gravity, friction, funicular polygon, virtual work. Fluid pressure, specific gravity, centre of pressure. Hooke's law and elements of elasticity, bending of beams and struts. Solutions of numerous problems by graphical and analytical methods required. (Elementary applications of calculus are included.)

First term: 1 hour. Second term: 2 hours. *Professor Pounder*

Prerequisite: Physics 11.

Texts: Loney, *Elements of Statics* (C.U.P.); Loney, *Elements of Hydrostatics* (C.U.P.).

26. THE PHYSICS OF PHYSIOTHERAPY (Half course). A special course for physiotherapy students, dealing particularly with the physics of the theory and use of physiotherapeutic apparatus.

1 hour and 1 tutorial. *Professor McPherson*

Prerequisite: Physics 11 or Physics 12.

Reference books: Mendenhall, Eve, Keys, and Sutton, *College Physics* (Heath); Osborne and Holmquest, *Technic of Electrotherapy* (Thomas).

THIRD YEAR COURSES*

30. GENERAL COURSE (Full course). A second course in physics alternative to course 21, but more advanced and making use of elementary calculus. This course, like 21, is designed for students who are unlikely to take further courses in the subject. The applications of Physics to the biological sciences are treated as fully as the time available permits.

3 hours. *Professor Westcott*

Laboratory (30L): 3 hours. *Demonstrators*

Prerequisites: Physics 11 and Mathematics 24 or 25. (It is recommended that Chemistry 24 be taken before or concurrently with this course.)

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*Courses 30 to 35 may be taken by qualified general course students in the fourth year, if time-table permits. General course students of the third and fourth years may attend courses 31, 33, or 34, *only* if they have obtained at least second class standing in the respective prerequisites to these courses.

Texts: Perkins, *Basic College Physics* (Prentice-Hall); *Laboratory Manuscripts* (mineographed).

(*Note:* This course cannot be taken for additional credit by students who have already taken Physics 21.)

31. STATICS, DYNAMICS OF A PARTICLE, AND RIGID DYNAMICS (Mathematics 31.) (Fac. Eng. 1368). (Full course.)

(*a*) Dynamics of a particle in one and two dimensions, motion of pair of particles, introduction to dynamics of rigid bodies, mass systems.
First term: 3 hours. *Professor Terroux*

Texts: Lamb, *Statics* (C.U.P.); Lamb, *Dynamics* (C.U.P.).

Reference books: Synge and Griffith, *Principles of Mechanics* (McGraw-Hill); Slater and Frank, *Mechanics* (McGraw-Hill).

(*b*) Central orbits, elements of rigid dynamics in two and three dimensions, Lagrange's equations with simple applications, oscillations about equilibrium positions.

Text: Slater and Frank, *Mechanics* (McGraw-Hill).

Reference books: The books listed in (*a*) above.
Second term: 3 hours. *Professor Wallace*

Prerequisite to both parts: Physics 24, 25 and Mathematics 25.

32. PROPERTIES OF MATTER (Fac. Eng. 1366). (Half course.) In both lectures and laboratory emphasis is placed upon the following subjects: the constant of universal gravitation, acceleration due to gravity, determination of moments of inertia, bifilar suspension, compound and ballistic pendulums, elasticity and the determination of elastic moduli, viscosity of liquids and gases, surface tension.
1 hour: laboratory (32L): 3 hours *Professor Westcott*

Prerequisite: Physics 11, 24, 25; Mathematics 24 or 25.

Text: Newman and Searle, *General Properties of Matter* (E. Benn Co.).

Reference book: Champion and Davy, *Properties of Matter* (Blackie).

33. ELECTRICAL MEASUREMENTS (Fac. Eng. 1384, 1386). (Full course, or two half courses.) This course is divided into two distinct parts, namely 33M, ELECTRICAL MEASUREMENTS (1 hour lecture, 3 hours laboratory), and 33E, ELECTRONICS (1 hour lecture and 2 hours laboratory). Each part may be taken separately throughout the session as a half course.

(33M). D-C. instruments and measurements, galvanometer theory, instrument calibration; A-C. circuit theory, operational methods,

applications; measurements at power, audio, and radio frequencies; measurements with Lecher wires; construction and testing of simple electrical devices; absolute measurements.

(33E). Theory and application of electronic devices and circuits. elementary radio-engineering.

2 hours: laboratory (33L), 5 hours. *Professor Watson and Mr. de Angelis*

Prerequisite: Physics 23.

Reference books: Law, *Electrical Measurements* (McGraw-Hill); Hague, *Alternating Current Bridge Methods* (Pitman, London); Harnwell, *Principles of Electricity and Electromagnetism* (McGraw-Hill); Campbell and Childs, *The Measurement of Inductance, Capacitance, and Frequency* (Macmillan); Kruft Laboratory Staff, *Electronic Circuits and Tubes* (McGraw-Hill); Terman, *Radio Engineering* (McGraw-Hill); Reich, *Theory and Application of Electron Tubes* (McGraw-Hill).

34. ADVANCED HEAT (Fac. Eng. 1342). (Full course.) Precision thermometry (for low, intermediate, and high temperatures), calorimetry, measurement of fundamental thermal variables, measurement and theory of transfer of heat (by conduction, convection, and radiation), change of state, equations of state, elements of kinetic theory, physical basis and mathematics of thermodynamics, thermal equilibrium of systems, engineering applications.

2 hours: Laboratory† (34L) *Professor Shaw*

Prerequisite: Physics 22a and Mathematics 25.

Text: Roberts, *Heat and Thermodynamics* (Blackie).

Reference books: Zemansky, *Heat and Thermodynamics* (McGraw-Hill); Lewis and Randall, *Thermodynamics* (McGraw-Hill); Worthing and Halliday, *Heat* (Wiley).

35a. ELECTRON PHYSICS (Fac. Eng. 1362). (Half course.) Charge and mass of the electron. The electron as a constituent of matter: atomic structure; electrons in metals and insulators. Liberation of electrons from matter; thermionic emission, secondary emissions, photoelectric emission, ionization processes, electrical discharges in gases. Control of free electrons: electron ballistics, electron optics. Wave characteristics of the electron; electron diffraction. Applied electronics: cathode-ray oscillograph, X-ray tubes, electron microscope, radio-tubes.

Prerequisite: Physics 23.

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†34L is included in 33L and 43L. Subject to confirmation each session, the Department of Mining and Metallurgy arranges for students in Physics 34L to do additional practical tests in the Metallurgical Laboratory. (This arrangement will not be feasible in the session 1950-51.)

Reference books: Stranathan, *The Particles of Modern Physics* (Blakiston); Millman and Seely, *Electronics* (McGraw-Hill); Crowther, *Ions, Electrons, and Ionizing Radiations* (Arnold); Richtmyer and Kennard, *Introduction to Modern Physics* (McGraw-Hill).

First term: 2 hours. *Professor Pounder*

FOURTH YEAR COURSES

41. MATHEMATICAL PHYSICS (Mathematics 41) (Fac. Eng. 1390). (Full course.) Selected topics in potential theory, conduction of heat, diffusion, vibration, acoustics, elasticity. Twelve lectures on topics arising in spectroscopy and nuclear physics will be given by Professor Foster.

Prerequisite: Mathematics 33.

Reference books: Houston, *Introduction to Mathematical Physics* (Longmans): Page, *Introduction to Theoretical Physics* (Van Nostrand); von Karman and Biot, *Mathematical Methods in Engineering* (McGraw-Hill); Margenau and Murphy, *The Mathematics of Physics and Chemistry* (McGraw-Hill).

3 hours *Professors P. R. Wallace and Foster*

42. ELECTROMAGNETIC THEORY (Fac. Eng. 1388). (Half course.) Field theory; electrostatics; Laplace's equation; dielectrics; magnetic fields of currents; magnetic materials, electromagnetic induction and Maxwell's equations; electromagnetic waves and energy flow; scalar and vector potentials. Application of these fundamental ideas is made to some of the following topics; skin effect; propagation of waves in conducting media; propagation of guided waves; the electromagnetic foundation of the optical laws of reflection and refraction; diffraction; radiation from antennae.

Prerequisite: Physics 23 and Mathematics 33.

Text: Slater and Frank, *Electromagnetism*, (McGraw-Hill).

Reference book: Ramo and Whinnery, *Fields and Waves in Modern Radio* (Wiley).

First term: 1 hour. Second term: 2 hours. *Professor Woonton*

43. ATOMIC PHYSICS. (Fac. Eng. 1382.) (Full course.) Review of classic experiments of atomic physics, determination of physical properties and constants of atoms, ions, and electrons, mass-spectrograph, elements of thermionics and photo-electricity, X-ray analysis, cosmic rays, atomic structure, radiation absorption and emission, advent of quantum theory and wave-mechanics, philosophical problems in modern physics.

NOTE: *Either the first half of this course, 43a, or the second half, 43b, may be taken as a half-course.*

Prerequisite: Physics 35a. Physics 44b to be taken concurrently with 43.

Text: Crowther, *Ions, Electrons, and Ionizing Radiations* (E. Arnold).

Reference books: Richtmeyer and Kennard, *Introduction to Modern Physics* (McGraw-Hill); Strong, *Procedures in Experimental Physics* (Prentice-Hall); Brown, *Foundations of Modern Physics* (Wiley); Hull, *Survey of Modern Physics* (Macmillan); Stranathan, *The Particles of Modern Physics* (Blakiston).

2 hours; Laboratory (43L), 3 hours. *Professors Shaw and Westcott*

44b. RADIOACTIVITY. (Fac. Eng. 1392.) (Half course.) The phenomena of radioactive disintegration and the laws of transformations of successive products. The nature and properties of the radiations, methods of detection and of measurement. Mechanisms of absorption and scattering. Neutrons, positrons, and the constitution of nuclei. Methods of producing artificial disintegrations and their products. Introduction to nuclear physics.

Second term: 2 hours; Laboratory (44L), held with 43L, second term.

Professor Terroux

Prerequisite: Physics 35a.

Reference books: Rutherford, Chadwick, and Ellis, *Radiations from Radioactive Substances* (C.U.P.); Hevesy and Paneth, *A Manual of Radioactivity* (C.U.P.); Cork, *Radioactivity and Nuclear Physics* (Van Nostrand); Lapp and Andrews, *Nuclear Radiation Physics* (Prentice-Hall).

45. ADVANCED LIGHT. (Fac. Eng. 1364.) (Full course.) The essentials of geometrical and physical optics with advanced laboratory work. Electromagnetic theory, interference, diffraction, polarization, simple spectrum analysis, determination of fine structure of spectral lines, Zeeman effect, theory and use of optical apparatus (e.g., glass and quartz spectrographs, Lummer plates, interferometers and polarimeters).

2 hours: Laboratory (45L), 3 hours *Professor McPherson*

Prerequisite: Physics 11, Mathematics 23.

Reference books: Robertson, *Physical Optics* (Van Nostrand); Wood, *Physical Optics* (Macmillan); Jenkins and White, *Fundamentals of Physical Optics*, (McGraw-Hill). Hardy and Perrin, *The Principle of Optics*, (McGraw-Hill).

46a. ASTROPHYSICS. (Half course.) Elementary review of the determination of the positions, sizes, motions and temperatures of the stars. Spectroscopy as applied to the problems of astrophysics. Practice measurements and analysis of typical stellar spectrograms.

First term: 2 hours; Laboratory (47L): 2 hours.

Prerequisite: Physics 11.

Reference books: Russel, Dugan and Stewart, *Vols. I, II, Astronomy* (Ginn); Aitken, *The Binary Stars* (Univ. of California Pub.).

(*Not offered in 1951-52.*)

47b. APPLIED GEOPHYSICS. (Fac. Eng. 1360.) (Half course.) An introduction to geophysical methods of prospecting and of investigating subsurface structure. The theories, the uses, and the limitations of various magnetic, electrical, gravitational, and seismic methods are explained and compared. The practical operation of the instruments is reviewed, and actual field results are obtained and analysed. When possible, students will be given some practical experience in the field.

Second term: 2 hours *Professor Watson*

Prerequisite: Physics 23.

Text: Eve and Keys, *Applied Geophysics, 2nd edition* (Cambridge Univ. Press).

Reference book: Heiland, *Geographical Exploration* (Prentice-Hall).

HONOURS COURSE IN MATHEMATICS AND PHYSICS

Prerequisite: High standing in first year Mathematics, Physics 11 or 21 or 22. First Year students intending to take this Honours course are advised to take Physics 22 and Mathematics 13, if their time table permits; in this case they should also attend that part of Physics 11 which deals with electricity and magnetism.

Second Year:	Mathematics 25, 26, 27a, 28a; Physics 23, 24b, 25. (One other approved course may be added as an extra.)
Third Year:	Mathematics 32a, 33, 34b; Physics 31, 32, 33, 34, 35a.
Fourth Year:	Mathematics 41*, 42a, 44, 46a or 48b; Physics 42, 43, 44, 45.

Third and Fourth Year Honours students are advised to attend the Physical Society and colloquia.

It is recommended that a reading knowledge of scientific French and German should be obtained before the end of the Fourth Year.

*Mathematics 41 = Physics 41.

OPTIONS IN THE HONOURS COURSE

(1) Applied Mathematics Option

Second Year: (As indicated above.)

Third Year: Mathematics 32a, 33, 34b, 38b, 39b; Physics 31, 33M, 34, 35a.

Fourth Year: Mathematics 41, 42a, 42b, 44, 46a, 48b; Physics 42, 44b, 45.

(NOTE:—Physics 31 = Mathematics 31; and Physics 41 = Mathematics 41.)

(2) Engineering Option

Subject to the approval of the Chairmen of the Departments of Physics, Mathematics, and Electrical Engineering, Honours students in Mathematics and Physics who desire some training in Engineering may substitute Electrical Engineering courses 460 and 462 for Physics 32 and 33 in the third year; these two courses would then be taken in their fourth year instead of one full or two half Mathematics courses. The summary of the courses for students taking this option would then be as follows:

Third Year: Mathematics 32a, 33, 34b; Physics 31, 34, 35; Electrical Engineering 460, 462.

Fourth Year: Mathematics 41, 44; Physics 32, 33, 42, 43, 44, 45.

A student taking this option is eligible to receive the B.Sc. degree with Honours in Mathematics and Physics, and in a fifth year he may proceed towards an M.Sc. degree by taking further courses in Physics and Electrical Engineering.

NOTE:—*The above option corresponds to the course formerly known as the Engineering Physics division of the Honours Course in Mathematics and Physics. See the Announcement of the Faculty of Engineering for data concerning the course in Engineering Physics now offered to students in Engineering.*

(3) Meteorology Option

Students intending to proceed later with advanced or graduate training in Meteorology, may, with the approval of the departments concerned, substitute Geography 44 (Meteorology) (see page 1087) for one full or two half courses in fourth year Mathematics. (Unless otherwise arranged, and also approved by the Mathematics Department, Mathematics 44 would be retained as in the Engineering option given above, but Geography 44 would be taken in the fourth year and there would be no change in the third year.)

(4) Other Options

Subject to the approval of the departments concerned, other alternative options may be substituted, as in the case above, for one of the Mathematics courses.

CONTINUATION COURSES

Second Year: Physics 22 or 21*, or other courses as listed for the third year, below, by special permission.

Third Year: Physics 23, (24b, 25) or other courses, by departmental permission.

Fourth Year: Physics (32, 35a), (43a, 44b), (35a, 47b), (35a, 44b) or other courses by departmental permission.

Students selecting Physics as a Continuation Subject must also select Mathematics 24 or 25, and later 37a and 37b.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

PHYSIOLOGY

Joseph Morley Drake Professor	F. C. MacIntosh, *Chairman*
Professor	A. S. V. Burgen
Associate Professors	B. Delisle Burns
	Norris Giblin
Assistant Professors	Simon Dworkin
	P. Sekelj
	Kathleen G. Terroux
Lecturer	A. L. Johnson
Teaching Fellow	Peter Oborin
Demonstrators	V. B. Brooks
	Helen Henrikson

21. HUMAN BIOLOGY. (Full course.) A concise account of the structure and function of the human body, given jointly by the Departments of Anatomy, Biochemistry, and Physiology. For second and third year Arts and

*In the case of students taking physics as a continuation subject, Course 21 may be chosen only when time-table limitations prevent the choice of Course 22 or 23 or (24b and 25).

Science students, third year students in the School of Physical Education, and students in the School of Physiotherapy and the School for Graduate Nurses.

Three hours. *Professors Martin, Thomson, and MacIntosh*

Prerequisites: Chemistry 11, Physics 11, Zoology 11b, and Chemistry 22 (the last-named course may be taken concurrently). This course does not serve as prerequisite for further courses in Physiology or for Biochemistry 31: for these Physiology 22 is required.

Text: Best and Taylor, The Living Body.

22. ELEMENTARY PHYSIOLOGY. (Full course.) For second and third year Arts and Science students. An account of general physiological principles, combined with an introduction to basic techniques, intended primarily for students who will specialize in one of the biological sciences.

Two hours lecture and three hours laboratory. *Professor Terroux*

Prerequisites: Chemistry 11, Physics 11, Zoology 11b, Chemistry 22, and Zoology 21 (the last two may be taken concurrently with Physiology 22).

Texts: Amberson and Smith, Outline of Physiology; Lovatt Evans, Principles of Human Physiology.

31. INTERMEDIATE PHYSIOLOGY. (One and one-half courses.) A more detailed survey of the subject, with special emphasis on the physiology of man.

Three hours lecture, three hours laboratory, and seminar. *Professor Giblin*

Prerequisite: Physiology 22.

Note: This course is the same as the first year Medical course in Physiology, except for the seminar, which is not attended by medical students. The third and fourth year courses in Physiology may be taken by Honours students in Physiology and by students qualifying for graduate study in Physiology. Honours students in other departments may be admitted, if space is available, by application to the Chairman of the department. These courses are not available as continuation courses.

Texts: Lovatt Evans, Principles of Human Physiology; Wiggers, Physiology in Health and Disease; Wright, Applied Physiology.

41. ADVANCED PHYSIOLOGY. (Full course.) A detailed study of certain branches of the subject, with particular attention to the nervous system.

Two hours lecture, and seminar. *Professor Burns*

Prerequisite: Physiology 31.

Reference books: Fulton, Textbook of Physiology; Ranson, Anatomy of the Nervous System; Adrian, Basis of Perception; Sherrington,

Integrative Action of the Nervous System; Henderson, The Fitness of the Environment; Bayliss, General Physiology; Prosser, Comparative Physiology; Barcroft, Architecture of Physiological Function.

41L. ADVANCED PHYSIOLOGICAL LABORATORY. (Full course.)

Eight hours. *Professor Burns*

Prerequisite: Physiology 31.

42. SELECTED TOPICS IN PHYSIOLOGY. (Full course.)

One hour lecture, laboratory and seminar. *Professors Burgen and Sekelj*

Prerequisite: Physiology 31.

HONOURS COURSES

First Year:	Physics 11, Chemistry 11, Zoology 11a, and 11b. (With permission, Botany 11a or 11b may be substituted for either Zoology 11a or 11b.)
Second Year:	Physiology 22, Zoology 21, Chemistry 22, and either one or two of Chemistry 24, Physics 21, or Mathematics 24.
Third Year:	Physiology 31, Biochemistry 31 and 32, and two courses from Physics 23, Physics 30, Chemistry 24, Mathematics 24, Zoology 22a or Anatomy 1a.
Fourth Year:	Physiology 41, 41L and 42, Biochemistry 43, and one course from Physics 35a, Biochemistry 45, Genetics 44, etc.

PSYCHOLOGY

Professors	D. O. HEBB, *Chairman* G. A. FERGUSON
Associate Professors	A. S. LUCHINS E. C. WEBSTER
Assistant Professors	DALBIR BINDRA P. A. SOLBERG C. F. WRIGLEY J. P. ZUBEK

The courses listed in Psychology include specialist courses mainly for the Honours student: Nos. 31a, 31b, 44a, and 44b; and special-purpose courses which are normally not open to undergraduate Honours students: Nos. 25, 36b, and most courses numbered 51 or higher. General students wanting courses in keeping with their particular interests are advised to consult Professor Webster before registration.

The courses in specialized technical methods, Nos. 51a, 52a, 55, and 54b, are listed in this Announcement since they may on occasion be taken by undergraduate students with consent of the Department, but they are primarily for graduates. It is important, for the Honours student particularly, to understand that the undergraduate programme is *not* a training for professional work in psychology. The student who wants such training should take an Honours degree and must then have at least one year of postgraduate work.

21. INTRODUCTION TO PSYCHOLOGY. Second year. (Full course.) A biologically oriented outline of the modern approach to psychology.

2 hours and one weekly conference. *Professors Hebb and*————

Prerequisite to all further courses in Psychology except Courses 22 and 25.

Text: Munn, *Psychology* (Houghton Mifflin).

22a or b. PSYCHOLOGICAL STATISTICS. Second or Third year. (Half course.) The statistical analysis of psychological data; frequency distributions: graphic representation; measures of central tendency and variability; elementary probability theory; the normal probability curve; simple correlation methods; elementary sampling theory and tests of significance.

First and second terms: 3 hours. *Professor Wrigley*

Prerequisite: Mathematics 11a, 12b.

25. EDUCATIONAL PSYCHOLOGY. (Full course.) Designed for students in Education in the fifth year diploma course.

3 hours. *Professor Solberg*

May not be taken for credit by students who have credit for Psychology 21 or the equivalent.

31a. PHENOMENA OF PERCEPTION AND LEARNING. Third or Fourth year. (Half course.) Introduction to laboratory instruments and procedures in which the student will investigate established phenomena of perception and learning.

First term: 1 hour; 4 hours laboratory. *Professor Zubek*

Required of all Third Year Honours students; open to general students only with the instructor's consent.

31b. EXPERIMENTAL METHODS (HUMAN). Third or Fourth year. (Half course.) The student will be required to carry out an experimental project in some field of psychological investigation.

Second term: 1 hour; 4 hours laboratory. *Professor Ferguson and Staff*

Required of all Third Year Honours students; open to general students only with the instructor's consent.

32. GENERAL PSYCHOLOGY. Third or Fourth year. (Full course.)
3 hours

(*Not given in 1951-52.*)

33a. DEVELOPMENTAL PSYCHOLOGY. Third or Fourth year. (Half course.) Study of the development of behavior, with emphasis on animal and human experiment.

First term: 3 hours. *Professor Solberg*

33b. HUMAN DEVELOPMENT. Third or Fourth year. (Half course.) Survey of the human problems of childhood, adolescence, maturity and old age.

Second term: 3 hours. *Professor Solberg*

Prerequisite: Psychology 33a.

34a. DYNAMICS OF BEHAVIOR AND ADJUSTMENT. Third or Fourth year. (Half course.) Facts and theories of emotion and motivation.

First term: 3 hours. *Professor Bindra*

34b. THEORY OF PERSONALITY. Third or Fourth year. (Half course.) Consideration of current theories of personality, and of the dynamics of normal and abnormal adjustment.

Second term: 3 hours. *Professor Bindra*

36b. HUMAN RELATIONS IN BUSINESS AND INDUSTRY. (Half course.) Labour-management relations; morale in industry; advertising and market research.

Second term: 3 hours *Professor Webster*

Prerequisite: Psychology 34a, or permission of the Instructor.

41a. EXPERIMENTAL METHODS (ANIMAL). Third or Fourth year. (Half course.) Methods, theoretical conceptions, and present problems in the comparison of species, with emphasis on mammals from rat to man.

First term: 3 hours. *Professor Bindra*

Prerequisite: Psychology 21, or Physiology 21 or 22.

41b. PHYSIOLOGICAL PSYCHOLOGY. Third or Fourth year. (Half course.) The relationship of behaviour to the nervous system, particularly with regard to the effect of modern neurophysiological conceptions on psychological theory.

Second term: 3 hours. *Professor Zubek*

Prerequisite: Psychology 41a.

Text: Morgan and Stellar, *Physiological Psychology.*

42. SOCIAL PSYCHOLOGY. Fourth year. (Full course.) Theories of social psychology; social aspects of general psychology; nature and development of group membership; social attitudes, their measurement and modification.

3 hours *Professor Luchins*

43a. HISTORY OF PSYCHOLOGY. Fourth year and graduate. (Half course.)

First term: 3 hours. *Professor Wrigley*

43b. MODERN PSYCHOLOGY IN HISTORICAL PERSPECTIVE. Fourth year and graduate. (Half course). Modern theoretical issues, and systematic formulations, considered from the point of view of their origins.

Second term: 3 hours. *Professor Bindra*

44a or b. EXPERIMENTAL PROBLEMS. Fourth year and graduate. (Half course.) Supervised investigation of a special field. Open to fourth year Honours students approved by the Department.

3 hours in one term. ———

45a. THEORY OF PERCEPTION. Fourth year and graduate. (Half course.) Consideration of perceptual phenomena in relation to current knowledge of neural processes.

First term: 3 hours. *Professor Zubek*

45b. THEORY OF LEARNING. Fourth year and graduate. (Half course.) Detailed consideration of current theories.

Second term: 3 hours. *Professor Zubek*

ADDITIONAL COURSES

51a. METHODS OF TEST CONSTRUCTION. Fourth year and graduate. (Half course.) Methods of measurement, reliability, validity, item analysis, etc.

First term: 3 hours. ———

52a. APPRAISAL OF INTELLIGENCE. Fourth year and graduate. (Half course.) A training course in the application of individual tests of intelligence.

First term: 1 hour, 4 hours of practice testing. *Professor Solberg*

Prerequisite: Psychology 51a concurrently and permission of the Instructor.

54b. INDUSTRIAL PSYCHOLOGY. (Half course.) Didactic treatment of problems of industry.

Second term: 3 hours *Professor Webster*

Prerequisite: Psychology 51a.

55. APPRAISAL OF PERSONALITY. Lectures on the theory of personality and on the techniques of personality evaluation; training in the administration and interpretation of projective techniques such as the Rorschach Test and the Thematic Apperception Test, and of other selected techniques. Second term: 1 hour; 4 hours of practice testing. *Professor Luchins*

Prerequisite: Psychology 51a and permission of the Instructor.

HONOURS COURSES

Admission to Honours will normally take place at the beginning of the Third Year, and be determined by the student's standing in Psychology 21, 22a or 22b, and in related subjects. If Psychology 22a has not been taken in the Second Year, this deficiency must be made up immediately.

Granting of Honours will not depend on high marks alone, nor on taking a large number of courses in psychology, but on the student's comprehension of psychological principles, knowledge of related fields, and his ability to express himself well. Honours standing will therefore be determined (a) by a comprehensive examination, (b) by a short thesis which will be judged for adequacy of presentation as well as content, and (c) by course standing.

In each of their third and fourth years, Honours students will normally take two and a half courses in Psychology, the balance in related fields, including Philosophy as well as the Social and Biological Sciences. For the B.Sc. student a course in Physiology is required, and the prerequisites for it should be taken in the first two years. The B.A. student may take a sequence of Social-Science courses, approved by the Department, in place of Physiology.

CONTINUATION COURSES

Second Year:	Psychology 21, 22a and 22b.
Third Year:	Psychology 33a, 33b, 34a, 34b.
Fourth Year:	Psychology 41a, 41b, 42, 43a, 43b, 45a, 45b.

RELIGION

DEAN J. S. THOMSON and members of the Faculty of Divinity

Four courses in biblical literature, the philosophy of Christianity and comparative religion are now open to B.A. students in third and fourth year.

RELIGION 1a—BIBLICAL LITERATURE.

The purpose is to give the student a critical appreciation of the literary and religious content of the Old Testament, seen in relation to the historical circumstances of its origin in the life of Israel and Judaism. In dealing with the religious context, an attempt will be made to avoid any doctrinal or authoritative interpretations.

Half course. Third and Fourth year. *Professor R. B. Y. Scott*

Text: Chase, The Bible and the Common Reader.

RELIGION 1b—BIBLICAL LITERATURE.

An introductory study of the New Testament designed to show the historical beginnings of Christianity in terms of its early expression. The literature will be set in the social and cultural environment of the Graeco-Roman world. The variety of its authorship and composition will be studied in order to show the structure of the Synoptic Gospels, the Pauline and other Epistles, the Johannine Gospel and Epistles. An appreciation will be given of the distinctive, cultural values of the various books.

Half course. Third and Fourth year. *Professor G. B. Caird*

RELIGION 2—THE GROWTH AND MEANING OF CHRISTIANITY.

The purpose of this course is to present Christianity as an influence on thought and civilization in terms of its own historical development. Beginning with the life and teaching of Jesus, the more significant stages will be studied, particularly with reference to the Graeco-Roman-Judaic world in which Christianity arose, the influence of St. Augustine, the mediaeval order of life, the rise of modern thought and the expansion of European civilization, with a discussion of the contemporary relevance of Christian ideas to thought and action.

Full course. Third and Fourth year. *Professor James S. Thomson*

Texts: R. W. Moore, The Furtherance of the Gospel; G. B. Caird, The Truth of the Gospel.

RELIGION 3—RELIGION IN THE ORIENT.

An introduction to the great religions of the Orient, with special emphasis on one of them. Each year there will be in the first term, after brief reference to religion of pre-historic man and of modern "primitive" societies, a prefatory general survey dealing synoptically with each of the main faiths. In the second term, a fuller historical study of one of the Oriental religions, its teachings, institutions, and cultural achievements, with an attempt to interpret what it means to its adherents.

Full course. Third and Fourth year. *Professor W. C. Smith*

(N.B. These classes will be conducted in Divinity Hall, 3520 University Street, at hours most suitable to the majority of the enrolled students. Students intending to take these classes should inquire at the office of the Dean, Divinity Hall, concerning preliminary arrangements.)

ROMANCE LANGUAGES

French Section

Professors	J. E. L. Launay, *Chairman of the Department*
	Pierre C. Nardin
Associate Professors	Lucie Touren-Furness
	Hélène Larivière
Assistant Professors	Louis d'Hauteserve
	André A. Rigault
Lecturers	Norah M. Lenoir
	Tadeusz Romer
Resident Lecturer of the Royal Victoria College	Marie O. Gauny

Spanish Section

Assistant Professors	L. B. Harrop
	Robina E. Henry
Lecturer	C. F. Stegen

Italian Section

Professor	Antonio D'Andrea

FRENCH

Every lecture, even in the First Year, is given in French. Students with very little knowledge of spoken French will find it necessary to do extra work to acquire some fluency in the language.

All students who intend to take Honours in French or make French their field of major concentration are strongly advised to attend the French Summer School either before or after the first year.

Both oral and written examinations are held on each year's work.

The oral examination (in both General and Honours courses) counts for 50 per cent.

Students who intend to take Honours in French in their Second Year must take a course in Latin or Greek in their First Year.

GENERAL COURSES

FIRST YEAR COURSES:

1. Students not intending to continue with French beyond the first year should enrol for *French 13*, which is *not* an easier course, but one which does not include studies in French literature.

2. All other students should enrol for *French 12* (*Ordinary*) except

(a) those primarily English-speaking students who have obtained at least 80% in their French papers in the Junior Matriculation or High School Leaving Certificate or the equivalent diploma which secured their admission to the University.

(b) those students whose first language is or was French, who should enrol for *French 11* (*Advanced*).

In any case, all students enrolled for *French 11* (*Advanced*) will undergo a test at the beginning of the term, and those who do not satisfy the requirements will automatically revert to *French 12* (*Ordinary*).

11. (Advanced)
12. (Ordinary)

FRENCH (Full course). General survey of Literature in the 18th and 19th centuries; French composition.

3 hours. *Professors d'Hauteserve, Larivière and Rigault, Miss Lenoir, Miss Gauny, and Mr. Romer*

ORDINARY AND ADVANCED SECTIONS

Texts: Nouvelle Anthologie Française by Schinz, Robert, and Giroud (Harcourt Brace); Whitmarsh, Complete French Course (Longmans); Romains, Knock (The Century Co.), Calvet, Petite Histoire illustrée de la Littérature Française (de Gigord).

Additional reading for ordinary sections: Saint-Exupéry, Vol de nuit (Harper).

ADVANCED SECTIONS ONLY

Text: Saint-Exupéry, Vol de nuit (Harper).

13. SPECIAL SECTION FOR STUDENTS NOT INTENDING TO CONTINUE WITH FRENCH BEYOND THE FIRST YEAR.

3 hours. *Professors d'Hauteserve and Rigault, Mr. Romer and Miss Gauny*

Texts: Harold March, Types of the French Short Story (Ronald Press); Whitmarch, Complete French Course (Longmans); Macy and Malakis, Petite Histoire de la Civilisation Française (Ronald Press).

SECOND YEAR COURSES:

21. GENERAL SURVEY OF FRENCH LITERATURE FROM THE MIDDLE AGES THROUGH THE 16TH AND 17TH CENTURIES. French Composition and Phonetics (Full course).

3 hours. *Professors Furness, Larivière, and Rigault, Miss Lenoir, and Mr. Romer*

Texts: Schinz, Robert, and Giroud, Nouvelle Anthologie Française (Harcourt Brace); Whitmarsh and Jukes, Advanced French Course (Longmans); Calvet, Petite Histoire Illustrée de la Littérature Française (de Gigord).

23. COMMERCIAL INDUSTRIAL, AND SCIENTIFIC FRENCH (Full course).

Open to students who have passed French 13 or its equivalent, except B.A. students taking French as a continuation subject.

3 hours *Professor d'Hauteserve*

Texts: Lebert, Pasteur (The Dryden Press); Whitmarsh and Jukes, Advanced French Course (Longmans).

THIRD YEAR COURSES:

31. FRENCH LITERATURE OF THE 17TH CENTURY (Full course).

3 hours *Professor Larivière*

Texts: Lanson and Tuffrau, Histoire de la Littérature Française (Heath); Peyre and Grant, Seventeenth Century French Prose and Poetry (Heath); Seronde and Peyre, Nine Classic French Plays (Health); Whitmarsh and Jukes, Advanced French Course.

Readings: Corneille, Le Cid and Horace; Racine, Andromaque and Phèdre; Molière, L'Ecole des Femmes and Tartuffe; Pascal, Pensées; Bossuet, Oraison Funèbre d'Henriette d'Angleterre; Mme de Sévigné, Lettres choisies; La Fontaine, Fables choisies; Mme de La Fayette, La Princesse de Clèves.

32. FRENCH LITERATURE OF THE 18TH CENTURY (Full course).

3 hours. *Professor Nardin and Miss Lenoir*

Texts: Lanson and Tuffrau, Histoire de la Littérature Française (Heath); A. Schinz, Eighteenth Century French Readings (Holt); Marivaux, Le jeu de l'amour et du hasard (Heath); Prévost, Manon Lescaut (Crofts); Voltaire, Candide (Holt); Beaumarchais, Le Barbier de Séville (Holt); Whitmarsh and Jukes, Advanced French Course.

Readings: Lesage, Gil Blas (Extraits); Montesquieu, Les Lettres persanes; Voltaire, Les Lettres philosophiques; Diderot, Le Neveu de Rameau; Beaumarchais, Le Mariage de Figaro; Rousseau, Confessions (Extraits).

FOURTH YEAR COURSES:

41. MODERN FRANCE—GEOGRAPHICAL OUTLINE—POLITICAL, SOCIAL, AND ECONOMIC ASPECTS OF FRENCH LIFE, SINCE 1870 (Full course). (*Open also to Third Year students with a good command of spoken French.*)

3 hours *Professor Launay*

42. LITERATURE AND SOCIAL IDEAS IN THE 19TH CENTURY (Full course). (*Open to Third Year students also.*)

3 hours. (*Given in 1952-53.*) *Professor d'Hauteserve*

43. FRENCH LITERATURE OF THE 19TH AND 20TH CENTURIES (Full course). One hour weekly will be devoted to discussion of texts in small groups.

3 hours *Professors Launay and Furness*

Texts: Borgerhoff, Nineteenth Century French Plays (Appleton Century Crofts); Galland & Cros, Nineteenth Century French Verse (Appleton Century): Balzac, Le Père Goriot (Nelson); P. Bourget, Le Disciple (Nelson).

Readings: Hernani, Le Gendre de monsieur Poirier, Les Corbeaux, Cyrano de Bergerac; Lyrical Poetry of the Nineteenth Century; Le Père Goriot, Madame Bovary, Le Disciple.

HONOURS COURSES

22. INTRODUCTORY HONOURS COURSES. Second year (Full course).

(*a*) The French comedy as illustrated by Molière, Beaumarchais, and Musset; (*b*) Special readings in the contemporary French novel; (*c*) Free composition, written and oral, on literary subjects.

3 hours. *Professors Furness and Rigault*

With the consent of the Department this course may be taken by General students, instead of French 21.

44a. HISTORY OF THE FRENCH LANGUAGE. Third and Fourth year. To be taken in conjunction with French 44b or 46.

Reference Books: Darmsteter, Cours de Grammaire historique. Parts I, II: F. Brunot, Histoire de la langue française: Holmes & Schutz. A History of the French Language (Farrar & Rinehart).

1 hour *Professor d'Hauteserve*

44b. FRENCH STYLISTICS. Third and Fourth years (Full course). Thought and Expression—Intellectual and affective elements of speech with special reference to synonymy. Social and psychological background of words and phrases. Levels of speech.

2 hours. *Professors Launay and Nardin*

45. HISTORY OF THE FRENCH NOVEL. Third and Fourth Years (Full course).

3 hours *Professor Launay*

(*Given in 1952-53.*)

46. HISTORY OF THE FRENCH LYRICAL POETRY. Third and Fourth Years. (Full course.)

2 hours. *Professor Larivière*

47. SURVEY OF CONTEMPORARY FRENCH LITERATURE. Third and Fourth Years. (Full course.)

3 hours. *Professor Larivière*

(*Given in 1952-53.*)

48. ADVANCED PHONETICS. Third and Fourth Years. (Half course.)

2 hours throughout the session. *Professor Rigault*

RECOMMENDED COGNATE COURSES

50. LINGUISTICS. An elementary survey of human speech, its nature, origin, structure, and classification; principles of linguistic changes, writing and the alphabet; universal or auxiliary languages. Open to Second and Third Year students. (Full course.)

Three hours. *Professor Carruthers*

51. COMPARATIVE LITERATURE. The influence of English upon European Literature in the 18th and 19th centuries. Special subjects: (*a*) The Imaginary Voyage (fantaisies, utopia, satires); (*b*) Gentleman and Superman; (*c*) The Oriental Observer (from Montesquieu's *Lettres Persanes* to the 20th century; (*d*) Mock-heroic poetry. (Full course.)

Three hours. *Professor Noad*

HONOURS COURSES IN FRENCH

Honours in French begin in Second Year. Only exceptionally will students be permitted to take Honours Courses in their third year without having previously passed French 21 and 22.

All students taking Honours in French are required to take in their third or fourth years French 44a, *History of the French Language;* French 44b, *French Stylistics;* and French 48, *Advanced Phonetics.*

Prerequisite: French 11 or 12.

Second Year: French 21 and 22.

Third Year: Three full courses (or the equivalent) including at least one full honours course.

Fourth Year: Three full courses (or the equivalent) including at least one full honours course, and courses 44a, 44b, and 48 if not previously taken.

COMBINED HONOURS COURSE

Prerequisite: French 11 or 12.

Second Year: French 21 and 22.

Third Year: Two full courses (including one Honours Course) or their equivalent.

Fourth Year: Two full courses (including one Honours Course) and courses 44a and 48 if not previously taken.

M.A. COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

SPANISH

Students who take Spanish, in order to fulfil the Modern Language requirement for the B.A. degree, must take Spanish 11 and Spanish 21 over two separate years.

11. FIRST YEAR. (Full course.) Grammar, reading and dictation; oral exercises, and composition.

3 hours. *Professor Henry and Mr. Stegen*

Texts: Walsh, Introductory Spanish (Norton); Castillo and Sparkman, Graded Spanish Readers; Book II, Sigamos Leyendo (Health); Crow, Spanish American Life (Holt); Meras and Roth, Pequeño Vocabulario (Heath); Helfer and Espinosa, *Primeras Lecturas* (Oxford).

21. SECOND YEAR. (Full course.) Introduction to Spanish literature. Translation. Free composition. Elementary phonetics. Conversation.

3 hours. *Professor Henry and Mr. Stegen*

Texts: Tarr and Centeno, A Graded Spanish Review Grammar and Composition, Sections I and III (Crofts); Robles, Tertulias Españolas; Brady and Turk, Classical Spanish Readings; Palacio Valdés, La Hermana San Sulpicio (Holt).

31. THIRD YEAR. (Full course.) Nineteenth century literature in Spain. Free composition. Translation. Advanced phonetics. Conversation.

3 hours. *Professor Harrop*

Texts: Tarr and Centeno, A Graded Spanish Review Grammar and Composition, Section II (Crofts), Levy, Present-Day Spanish (Dryden Press), Foster, Spanish Composition (Norton), Watkins, An Omnibus of Modern Spanish Prose (Odyssey Press), Sánchez, Nineteenth Century

Spanish Verse (Appleton-Century-Crofts); Alarcón, El Sombrero de Tres Picos and El Capitán Veneno (No. 37, Col. Aust.); Palacio Valdés, Marta y María (No. 133, Col. Aust.); Unamuno, Tres Novelas Ejemplares (No. 70, Col. Aust.).

32. THIRD YEAR. (Full course.) Spanish Literature. A Great Writers Course. (This course is designed especially for those who will not be taking Spanish 41. It may be taken concurrently with or in addition to Spanish 31, 42 or 43.)

3 hours. *Professor Harrop*

Texts: Ed. by Menéndez y Pelayo, La Cien Mejores Poesías Líricas de la Lengua Castellana (Sopena); Ed. by A. Malo, Cervantes, Don Quijote de la Mancha (Nos. 56 and 57 of Biblioteca Clásica Ebro, Zaragoza); Tirso de Molina, El Burlador de Sevilla (Sopena); Calderón, La Vida es Sueño (Sopena); B. Pérez Galdós, Doña Perfecta; Trafalgar (Nos. 102 and 39, Biblioteca Contemporánea, Losada); Valera, Juanita la Larga (Sopena); García Lorca, Bodas de Sangre; Libro de Poemas; La Casa de Bernarda Alba (Biblioteca Contemporánea, Losada); Unamuno, Del Sentimiento Trágico de la Vida (Austral); La Novela Picaresca (No. 24 Biblioteca Literaria del Estudiante); Romancero (No. 25 Bib. Lit. del Estudiante); Azorín, El Paisaje de España Visto por los Españoles (No. 164 Col. Austral).

41. FOURTH YEAR. (Full course.) The Golden Age of Spanish Literature. Twentieth century literature in Spain. Free composition. Practice in phonetic transcription. Conversation.

3 hours. *Professor Harrop*

Texts: Levy, Present-Day Spanish (Dryden Press); Calderon, La Vida es Sueño (Sopena); Lope de Vega, Fuenteovejuna (Sopena); Ed. by A. Malo, Cervantes, Don Quijote (Nos. 56 and 57 of Biblioteca Clásica Ebro); M. de Maeztu, Antología Siglo XX (No. 330, Col. Aust.); Valle-Inclán, Sonatas (Nos. 30 and 31 Bib. Contemp.); R. Pérez de Ayala, Tigre Juan (No. 198, Col. Aust.); El Curandero de su Honra (No. 210, Col. Aust.); R. Menéndez Pidal, Flor Nueva de Romances Viejos (No. 100, Col. Aust.); La Novela Picaresca (No. 24 Bib. Lit. del Estudiante).

42. SPANISH DRAMA OF THE 19TH AND 20TH CENTURIES. Fourth year. (*Open to third year students of Spanish also.*) (Full course.)

3 hours. *Professor Harrop*

Texts: Jacinto Benavente, Los Intereses Creados and Señora Ama (No. 34, Col. Austral) and La Fuerza Bruta and Lo Cursi (No. 305, Col. Austral); Álvarez Quintero, Puebla de la Mujeres and El Genio Alegre (No. 124, Col. Austral); Brett, Nineteenth Century Spanish Plays

(Appleton); García Lorca, Doña Rosita la Soltera and Bodas de Sangre (Nos. 113 and 141, Bib. Contemp. B.A.); Martínez Sierra, Canción de Cuna (Holt); Casona, Nuestra Natacha (Appleton); Cano and Saenz, Easy Spanish Plays (Heath).

(*To be given in 1953-54.*)

43. SPANISH-AMERICAN LITERATURE. Fourth year. (Also open to Third Year students of Spanish.) (Full course.)

3 hours. *Professor Harrop*

Texts: Torres-Rioseco, Antología de la literature hispano-americana (Crofts); Güiraldes, Don Segundo Sombra (No. 49, Bib. Contemp., B.A.); Ciro Alégria, El mundo es ancho y ajeno (Crofts); Gallegos, Doña Bárbara (No. 168, Col. Aus.); Ricardo Palma, Tradiciones peruanas (No. 52, Col. Aust.); Walsh, Seis Relatos Americanos (Norton): Teresa de la Parra, Ifigenia (Ed. "Las Novedades", Caracas); Reyles, El embrujo de Sevilla (No. 208, Col. Aust.); Jorge Isaacs, María (Sopena); Florencio Sánchez, Teatro Vol. 1 (Sopena).

COGNATE COURSE

385. HISPANIC CONTACTS WITH EUROPEAN LITERATURE. (Full course.) Special subjects: (*a*) The Picaresque Novel; (*b*) Don Quixote; (*c*) Don Juan; (*d*) English and Spanish Romenticism. A reading knowledge of Spanish is advisable.

3 hours. *Professor Noad*

(*Given in 1952-53.*)

SPANISH COURSES: GENERAL

Recommended Reference Books: Cuyas and Llano, New Spanish Dictionary (Appleton); Castillo & Bond, Spanish Dictionary (U. of Chicago); Pequeño Larousse Ilustrado (Larousse); Angel del Río, Historia de la Literatura Española (Dryden); Torres Rioseco, La Literature Iberoamericana (Ed. Emecé, B.A.); Américo Castro, Iberoamérica (Dryden); Ed. by E. Allison Peers, Spain; A Companion to Spanish Studies (Methuen); J. B. Trend, The Civilization of Spain (Home University); Ramsay, A Textbook of Modern Spanish (Holt); Stirling, The Pronunciation of Spanish (Cambridge); Carlos Vossler, Introducción a la literatura española del Siglo de Oro (No. 511, Col. Aust.); Espinosa, Historia de la Literatura Espanola (Oxford); Palencia, La España del Siglo de Oro (Oxford); Meras and Roth, Pequeño Vocabulario (Heath); Romero-Navarra, Antología de la Literatura Española (Heath); Havelock Ellis, The Soul of Spain (Constable); Romera-Navarro, Historia de la Literatura Española (Heath).

ITALIAN

Students who take Italian in order to fulfil the modern languages requirement for the B.A. degree, must take Italian 11 and Italian 21 over two separate years. Students who select the courses in Italian Literature will not be required to take the language courses as prerequisites.

11. FIRST YEAR. (Full course.) Grammar, reading, oral exercises, and composition.

3 hours. *Professor D'Andrea*

Texts: Russo, Elementary Italian Grammar (Heath); Goggio, A New Italian Reader for Beginners (Heath).

21. SECOND YEAR. (Full course.) Translation, free composition, conversation, introduction to Italian literature.

Texts: Russo, Second Year Italian (Heath); Van Horne-Cioffari, Graded Italian Readers (Heath).

3 hours. *Professor D'Andrea*

22. SEMINAR ON ITALIAN LANGUAGE. (Half course.) Readings on Italian Literature. Open to students who have taken Italian II or who have satisfied the instructor concerning their capacity to take the course.

1 hour weekly throughout the session. *Professor D'Andrea*

Texts: Goggio, Six Easy Italian Plays (Heath).

25a. ITALIAN LITERATURE IN THE NINETEENTH CENTURY. (Half course.) A course for Second, Third, and Fourth Year students who are especially interested in literature. A reading knowledge of the Italian language is not required; lectures will be in English.

3 hours (first term). *Professor D'Andrea*

26b. ITALIAN INFLUENCE ON 16TH CENTURY ENGLISH LITERATURE. (Half course.) A course for Second, Third, and Fourth year students who are especially interested in literature. Emphasis will be given to the Italian sources of Shakespeare. A reading knowledge of the Italian language is not required; lectures will be in English.

3 hours (second term). *Professor D'Andrea*

SOCIOLOGY AND ANTHROPOLOGY

Professor	Carl Addington Dawson, *Chairman*
Associate Professors	Oswald Hall William A. Westley
Assistant Professors	Aileen D. Ross Frederick Voget
Research Assistant	Joan Jackson

SOCIOLOGY

The Introductory Course is divided into three lecture sections which are essentially the same, except that Third and Fourth Year students should attempt to fit 21C into their schedule. Students will indicate on their registration forms whether they are registering for 21A, 21B, or 21C.

Sociology 21 is prerequisite to all other courses in Sociology.

21A. INTRODUCTION TO SOCIOLOGY. Second year. (Full course).
3 hours *Professor Dawson*

21B. INTRODUCTION TO SOCIOLOGY. Second Year. (Full course).
3 hours *Professor Westley*

21C. INTRODUCTION TO SOCIOLOGY. Third and Fourth years. (Full course).
3 hours *Professor Ross*

31a. PRIMITIVE SOCIETY. Third year. (Half course). The comparative study of social organization among non-literate groups. The course will deal principally with the analysis of social systems as these appear in cultures at various levels of complexity.
3 hours *Professor Voget*

Prerequisite: Sociology 21 or permission of Instructor.

31b. COMPLEX SOCIAL STRUCTURES. Third year. (Half course.) Analysis of organized groups in a complex social system; classification of institutions; theory of institutional statuses and roles; career lines of individuals; case study of the professions.
3 hours *Professor Hall*

Prerequisite: Sociology 31a.

32. INTRODUCTORY SOCIAL STATISTICS. Third year. (Full course.) Various aspects of inference from numerical data. Special techniques and their use in sociology; averages, standard deviation, measures of correlation.

3 hours

33a. COLLECTIVE BEHAVIOR. Third year. (Half course.) Basis of, and adjustments to, social unrest; analysis of crowds, publics, propaganda; general and specific social movements; role of fads and fashions in social change; social revolutions and social change.

3 hours. *Professor Westley*

(*Given in 1952-53.*)

34a. THE FAMILY. Third Year. (Half course.) The structure and function of the family and its relation to the social structure; the family and social change; the family as a primary group; family disorganization and reorganization.

3 hours. *Professor Ross*

35a. MINORITY GROUPS. Third year. (Half course.) The origin and nature of minority group relationships; the ecology and economic position of minority groups; their interaction in the institutional structure; attitudes and ideologies concerning minority groups; conflict and social movements.

3 hours. *Professor Ross*

36b. CRIMINOLOGY. Third year. (Half course.) Theories of crime; social systems and their punitive practices; treatment of adult criminals; juvenile delinquency and remedial programmes.

3 hours. *Professor Westley*

38b. SOCIOLOGY OF THE CHILD. Third Year. (Half course.) Associational life of the individual through infancy to adolescence; childhood and adolescent roles; the effect of the social class position of the child on the development of its personality.

3 hours. *Professor Ross*

41. HUMAN ECOLOGY AND COMMUNITY PLANNING. Fourth Year. (Full course.) Study of distributions of population in time and space resulting from competitive and social factors; organization and functions of cities and regions, relations between town and regional planning and social organization.

3 hours *Professor Dawson*

42a. CULTURE AND PERSONALITY. Fourth year. (Half course.) The study of culture and personality with emphasis upon the cultural background; the process of socialization as it is revealed in a comparative study of primitive societies.

3 hours *Professor Voget*

Prerequisite: Sociology 21 or permission of the Instructor.

42b. SOCIAL PSYCHOLOGY. Fourth Year. (Half course.) Personality development; the origin of the self; the emergence of patterns of social behaviour; the analysis of social action; the formation of attitudes.

3 hours. *Professor Hall*

Prerequisite: Sociology 42a.

43. METHODS IN SOCIOLOGY. Fourth year. (Full course).

First term: Use of documents and interviewing techniques for investigation of sociological problems.

Second term: Nature of data, facts, hypotheses, and conceptual systems as developed in the first term.

3 hours. *Professor Westley*

44. POPULATION AND MIGRATION. Fourth year. (Full course.) Analysis of the composition of selected populations; international migration, internal migration, and population transfers; immigration policies.

3 hours *Professor Hall*

(*Given in 1952-53.*)

45a. THE PROFESSIONS. Fourth year. (Half course). Specialization and the rise of the professions; recruitment, training, and initiation; formal and informal organization in the professions; codes and social control; stages in a professional career.

3 hours *Professor Hall*

Prerequisite: Sociology 31b or permission of the Instructor.

46. SOCIOLOGY OF INDUSTRIAL INSTITUTIONS. Fourth Year. (Full course.) Formal and informal organization in the work world; role of cliques and similar types of association; race relations and ethnic participation in industry.

3 hours *Professor Hall*

Prerequisite: Sociology 31b or permission of the Instructor.

47. ADVANCED STATISTICS. Fourth year. (Full course.) Statistical methods—multiple correlations, analysis of variance; tests of significance; sampling procedures; life tables; vital rates; construction of questionnaires and scales.

3 hours.

ANTHROPOLOGY

22. INTRODUCTION TO ANTHROPOLOGY. Second year. (Full course.) Historical relationship of race, language, and culture; culture history, analysis of cultural systems; culture and personality.

3 hours *Professor Voget*

Anthropology 22 is a prerequisite for all students taking a continuation sequence in Anthropology.

23b. CULTURE HISTORY. Second year. (Half course.) The principles of historical research among preliterate peoples. This course will deal with the archaeology and ethnology of pre-European North America.

3 hours *Professor Voget*

(*Given in 1952-53.*)

24b. NORTH AMERICAN INDIANS. Second year. (Half course.) A study of the past and present Indian and Eskimo cultures of Canada and the United States with special emphasis upon the relationship of present adjustment to recent tribal history.

3 hours *Professor Voget*

(*Given in 1952-53.*)

31a. PRIMITIVE SOCIETY. Third year. (Half course.) Identical with and described under Sociology 31a.

3 hours *Professor Voget*

Prerequisite: Sociology 21 or 22 or permission of the Instructor.

37b. PRIMITIVE RELIGION. Third year. (Half course.) The study of primitive religious systems with special reference to the function of symbolism and the relationship of religious practices and beliefs to other cultural activities.

3 hours *Professor Voget*

Prerequisite: Sociology 21 or 22.

42a. CULTURE AND PERSONALITY. Fourth year. (Half course.) Identical with and described under Sociology 42a.

3 hours *Professor Voget*

Prerequisite: Sociology 21 or permission of the Instructor.

48b. CULTURE CHANGE. Fourth year. (Half course.) An examination of the determinants and processes of culture change. The course will include detailed case studies of the influence of culture patterns and interests as selective factors in culture change.

3 hours *Professor Voget*

HONOURS COURSES IN SOCIOLOGY AND ANTHROPOLOGY

Admission to Honours will normally take place at the beginning of the Third Year, and will be determined by the student's standing in Sociology and related subjects. Six full courses are required to fulfil Honours requirements. A student will ordinarily take Sociology 31 and 32 in the Third Year and Sociology 41, 42, and 43 in the Fourth. A liberal use is made of courses in the allied departments of Economics, Geography, History, Philosophy, and Psychology. Honours students who wish to emphasize Anthropology will consult Professor Voget.

Students taking Honours in Sociology and one other subject are required to select four courses, in consultation with the Chairmen of the Departments, during the Third and Fourth years.

CONTINUATION SEQUENCES IN SOCIOLOGY

General Arts students who have chosen Sociology and Anthropology for continuation sequences are expected to register for courses designated for the same year as their university standing. The following sequences are suggested:

Community Organization: 21, 31, 41.

Industrial Relations: 21, 31, 46.

Pre-professional: 21, 31, 45a and 48b.

Social Psychology: 21, 33a or 34a, 38b, 42.

CONTINUATION SEQUENCES IN ANTHROPOLOGY

Before choosing any sequence, consultation with Professor Voget is required. Two sequences are possible:

Historical Anthropology: Courses 22, 23b or 24b, 31a and 48b.

Social Anthropology: Courses 22, 31a, 37b or 48b, and 42a and 48b.

ZOOLOGY

Professors	JOHN STANLEY, *Chairman* N. J. BERRILL
Professor of Parasitology	T. W. M. CAMERON
Associate Professor	M. J. DUNBAR
Assistant Professor	H. R. SCOTT
Lecturer	————
Carpenter Teaching Fellow	BLANCHE CLAYTON

11a. THE ANIMAL KINGDOM. (Half course.) The nature and evolution of the animal world, with emphasis upon types, environments, adaptation, and evolutionary processes.

First term: 3 hours lectures and 2 hours laboratory.

Professor Berrill

Text: Buchsbaum, *Animals without Backbones* (Chicago U. P.).

11b. MAN AND HIS EVOLUTION. (Half course.) The zoological history of man as a vertebrate animal; an elementary study of the structure and physiology of man, with a review of the evolutionary processes which have produced modern man.

Second term: 3 hours lectures and 2 hours laboratory.

Professor Stanley

Text: Hegner, *College Zoology*, 6th. Edition (Macmillan).

21. VERTEBRATE ZOOLOGY. (Full course.) The comparative anatomy of the vertebrates and the evolutionary history of the functional systems of the body. The origin, evolution, and classification of the eight classes of the vertebrate phylum; the organization of the vertebrate body in general and an introduction to mammalian anatomy.

2 hours lectures and 3 hours laboratory.

Prerequisite: Zoology 11b. (With permission, Honours students may substitute Zoology 11a.)

Text: Adams and Eddy, *Comparative Anatomy* or Romer, *The Vertebrate Body.*

22a. VERTEBRATE HISTOLOGY. (Half course.) A comparative study of the microscopic structure of animal tissues and organs; an interpretation of this structure in terms of function and embryonic origin; an introduction to human histology.

First term: 2 hours lectures and 3 hours laboratory.

Professor H. R. Scott

Prerequisite: Zoology 21.

Text: Kendall, *Microscopic Anatomy of Vertebrates* (Lea and Febiger).

22b. VERTEBRATE EMBRYOLOGY. (Half course.) A comparative study of embryonic development in the various classes of vertebrates, leading to an interpretation of human development.

Second term: 2 hours lectures and 3 hours laboratory. *Professor Berrill*

Prerequisite: Zoology 22a.

Laboratory Manual: Rugh, *Vertebrate Embryology* (Burgess).

23a. TROPICAL BIOLOGY. (Half course.) General account of tropical environment, practical problems and hygiene, tropical seas, fauna and flora of rain and mist forests and savannahs, the great mammals, equatorial seasons and topography, marine and fresh-water fauna, zoogeography.

First term: 3 hours a week. *Professor Cameron*

Prerequisite: Zoology 11a. (With permission, Honours students may substitute Zoology 11b.)

Text: Hesse & Allee, *Animal Geography* (McGraw-Hill).

(*Offered in alternate years. Offered in 1951-52.*)

24. INVERTEBRATE ZOOLOGY (EXCEPT ARTHROPODA). (Full course.) A study of the comparative anatomy, taxonomy, development, evolution and economic importance of invertebrate animals other than the Phylum Arthropoda.

2 hours lectures and 3 hours laboratory. *Professor Stanley*

Prerequisites: Zoology 11a (second class standing), and, for non-Honours students, Zoology 21 or 22. (With permission, Honours students may substitute Zoology 11b.)

Texts: Borradaille, Eastham, Potts, *The Invertebrata* (Macmillan); Bullough, *Practical Invertebrate Anatomy* (Macmillan). A laboratory manual is issued by the Department.

(*Offered in alternate years. Offered in 1951-52.*)

25. THE ARTHROPODA. (Full course.) A study of the comparative anatomy, taxonomy, development, evolution and economic importance of animals of the Phylum Arthropoda.

3 hours lecture. *Professor Stanley*

Prerequisites: Zoology 11a (second class standing), and, for non-Honours students, Zoology 21 or 22. Zoology 25L, the Laboratory course *must* be taken with Zoology 25. (With permission, Honours students may substitute Zoology 11b for 11a.)

Texts: Borradaille, Eastham, Potts, *The Invertebrata* (Macmillan); Bullough, *Practical Invertebrate Anatomy* (Macmillan).

(*Offered in alternate years. Not offered in 1951-52.*)

25L. LABORATORY. The laboratory work of Zoology 25. Zoology 25 and 25L *must* be taken together in the same year.

2 laboratory periods of 2 hours each per week. A laboratory manual is issued by the Department. *Professor Stanley*

Prerequisites: As for Zoology 25.

(*Offered in alternate years. Not offered in 1951-52.*)

31b. HISTOLOGICAL TECHNIQUE (Honours students only). (Half course.) Primarily a laboratory course in methods of making various types of microscope slides.

9 hours. *Professor H. R. Scott*

Prerequisite: Zoology 22a.

Text: Pantin, *Microscopical Technique* (Cambridge U. P.).

32. ANIMAL ECOLOGY. (Full course.) A study of the inter-relations between animals, groups of animals, and their environments. The zoogeography of terrestrial, marine and fresh-water populations; the analysis of the physical environment in all three divisions of the biosphere; migrations, emigrations and other movements of animals, and the numerical behaviour of populations. Ecology and evolution.

3 hours. *Professor Dunbar*

Prerequisite: Zoology 11a, 11b, and any one of Zoology 21, 24, 25 plus 25L. (With permission, Honours students may enter with 11a *or* 11b, in place of 11a *and* 11b.)

Text: Hesse, Allee and Schmidt, *Ecology and Animal Geography* (Wiley).

33. EXPERIMENTAL ZOOLOGY. (Full course.) General analysis of development, together with normal, regenerative, and malignant growth; experimental and analytical methods; theory construction; guide to current zoological literature.

3 hours *Professor Berrill*

Prerequisite: Zoology 22a and b.

34. CULTURE METHODS (Honours Zoology only, by permission). (Half course.) Methods of culture and maintenance of invertebrates and lower vertebrate animals, and studies of their life cycles.

4 hours laboratory and conference period weekly throughout session.

Professor Berrill

Prerequisite: Zoology 33.

Text: Galtsoff, *Culture of Invertebrate Animals* (McGraw-Hill).

35. APPLIED BIOMATHEMATICS. (Half course.) An elementary study of mathematical theories of growth and form, mathematics as applied to growth of populations, host-parasite relations, radio-active tracers, the steady state.

2 lectures per week in the first term; one per week second term.

Professor Stanley

Prerequisite: Mathematics 24 (or a working knowledge of the calculus) and any biology course.

37. HISTORY OF BIOLOGY. (Half course.) The history of biology from Thales to the present day; including the development of scientific observation in anatomy, comparative morphology, ecology, embryology, and palaeontology. Theories of the relationships of animals, parts of animals, and of their evolution. Philosophical history of biology. Biological expeditions.

One lecture per week and one seminar period every alternate week, extending throughout the session. *Professor Dunbar*

Prerequisite: Zoology 11a. (With permission, Honours students may substitute Zoology 11b.)

41. ZOOLOGICAL RESEARCH. (Honours Zoology only, Fourth year.) Individual training in zoological research methods, fields of research, and introduction to field and laboratory projects. Thesis and seminar presentations.

The Staff

42b. ORNITHOLOGY. (Half course.) A general survey of ornithology to illustrate fundamental concepts of taxonomy, zoogeography, ecology, etc. Laboratory periods will be used for a discussion of North American birds and methods of ornithology.

Second term: 2 hours lectures and 3 hours laboratory.

Prerequisites: Zoology 11a, 11b and either 21 or 32. (With permission, Honours students may enter with Zoology 11a *or* 11b, in place of both 11a *and* 11b.)

HONOURS COURSE IN ZOOLOGY

Students desiring to take Honours in Zoology should take both Zoology 11a and Zoology 11b in their first year, as this gives the best foundation for higher courses.

When this is not done, Zoology 11a and 11b may be interchanged as prerequisites with permission of the Department in the cases of approved Honours students. When both Zoology 11a and 11b are taken in the first year, a half-course in Botany *must* be taken in the second year.

Students taking Honours in Zoology *must* take some Physics beyond Physics 11. There are three options in this regard:

Option A

Physics 21, to be taken in B.Sc. 2 (if possible).

Option B

Physics 30, with Mathematics 24 as a prerequisite, Mathematics 24 to be taken in B.Sc. 2, with Physics 30 in B.Sc. 3.

Option C

Physics 22, 23 and 35a with Mathematics 24 as a prerequisite. Mathematics 24 to be taken in B.Sc. 2; Physics 22 and 23 in B.Sc. 3 and Physics 35a in B.Sc. 4.

The above Honours students are required to take *at least* Option A, and are advised to take Option B. In special cases, and by permission, the Zoology Honours courses can be so arranged that Option C can be taken. *Students must state their intention in this matter when they first enter Honours.* Physics 21 and 30 cannot *both* be taken for credit.

The succession of courses taken in Honours Zoology will normally be as follows, but this procedure may be varied in special cases by permission of the Department.

First Year: The general B.Sc. curriculum, with if possible, Zoology 11a and 11b (see above). If these are taken, a half course in Botany *must* be taken in the second year.

Second Year: Zoology 21, 22a, 22b and either one of 24 or 25 plus 25L, plus Physics 21 (Option A) or Mathematics 24 (Option B or C), plus a half course in Botany if not already taken, plus sufficient whole and half courses to make up a total of five full courses. Zoology 11a and 11b may be interchanged as prerequisites, but by permission only. The additional courses as above are to be selected with the advice of the Department from cognate fields or from courses in Zoology.

Third Year: Zoology 32, 33 and either one of 24 or 25 plus 25L, plus Physics 30 (Option B) or Physics 22, 23 (Option C) plus sufficient whole and half courses to make up a total of five full courses. Zoology 31b and Genetics 44 *must* be taken in either the Third or Fourth Years as part of the additional courses, which are to be selected as for the Second Year.

Fourth Year: Zoology 41 plus 31b and Genetics 44 if not already taken, plus Physics 35a (Option C) plus sufficient whole and half courses to make up a total of five full courses, selected as in the case of the Second Year.

With respect to the additional selected courses, such courses as Organic Chemistry, Physical Chemistry, Botany, Genetics, Physiology, and the like are emphasised.

CONTINUATION COURSES

Second Year: Zoology 11, 21, 22, 24, 25 plus 25L.

Third Year: Zoology 21, 22, 24, 25 plus 25L, 32, 33 (23b plus 37).

Fourth Year: Zoology 21, 22, 24, 25 plus 25L, 32, 33, 35 (23b plus 37).

Attention is called to the "General Honours in Biological Sciences", page 1028.

A student who has not completed Zoology 11 *must* obtain permission of the Department of Zoology before proceeding to more advanced courses in Zoology.

GRADUATE COURSES

See the Announcement of the Faculty of Graduate Studies and Research.

McGill University

MONTREAL, CANADA

FACULTY OF ARTS AND SCIENCE

REGULATIONS GOVERNING ATTENDANCE, EXAMINATIONS, AND ADVANCEMENT

SESSION 1951-1952

LENGTH OF REGULAR SESSION

The regular session of the Faculty consists of two terms, as follows:

First term: First Year: From Monday, September 24th to Friday, December 21st, 1951; Upper Years: From Monday, October 1st to Friday, December 21st, 1951. Mid-session examinations in completed courses begin on Friday, January 4th, 1952.

Second term: From Friday, January 11th to Saturday, April 19th, 1952. Final examinations in all courses will begin on Wednesday, April 23rd.

ATTENDANCE

1. Students of the first and second years, all partial students, and students with conditioned standing or repeating their year are required to attend at least seven eighths of the total number of lectures or laboratory periods in each course. Those whose unexcused absences exceed one eighth of the total number of lectures in a course are not permitted to come up for the regular examination in that course, and those whose unexcused absences have exceeded one fourth must repeat the work in that course.

No student in any year will be permitted to sit for the examinations unless he has fulfilled the requirements of the course to the satisfaction of the Instructor and the Dean.

Excuses for absences in excess of one eighth are dealt with only by the Dean and are not entertained except in cases of serious illness (which must be vouched for by a proper medical certificate), domestic affliction, and such other cases as are provided for by special regulations of Faculty. Medical certificates covering absences must be presented at the Dean's Office by the student immediately after his return to University work. Such certificates

are filed, and, if they are accepted, the Dean gives the student a statement excusing the absences covered; this must be shown to all the professors concerned as promptly as possible.

2. Credit for attendance at any lecture or class may be refused on the grounds of lateness, inattention, neglect of study, or disorderly conduct in the class room or laboratory. These cases are dealt with by the Dean.

3. Lectures commence at five minutes after the hour, on the conclusion of the roll call. After the commencement of a lecture, students are not allowed to enter, except with the permission of the Instructor. If permitted to enter, they report themselves at the close of the lecture and are marked "late." Two lates count as one absence. Lectures end at five minutes before the hour. In cases where it is impracticable to record late attendance, students who are not present at the commencement of the lecture are marked absent.

EXAMINATIONS

INTERIM TESTS

There will be at least one class test given before Christmas in each course taken by first year students. The test is usually the equivalent of a standard examination of one hour.

Students who fail in more than one third of these tests are not allowed to be members of a College athletic team, to hold office in any College society, or to take part in any major student activity.

MID-SESSIONAL EXAMINATIONS

There are no regular mid-sessional examinations in January except in courses which are given only in the first term, and in these courses the examination may be held in May with the other final examinations if the Department so desires. Members of the teaching staff may, however, give from time to time such interim examinations as they think necessary.

FINAL EXAMINATIONS

The final examinations are held in April and May.

PASS MARK AND CLASSES

The pass mark in all examinations is 50 percent. Students who pass in an examination are grouped into three classes: First, Second, and Third. The lowest mark for First Class standing is 80 percent, the lowest for Second Class standing is 65 percent, and the remainder of students who pass obtain Third Class standing.

RE-READING OF EXAMINATION PAPERS

Upon payment of a fee of $10 a student may apply in writing to the Dean to have an examination paper re-read. This must be done not more than thirty days after the examination results are published.

FAILURES — SUPPLEMENTAL EXAMINATIONS

The examinations held at the end of full courses or of second-term half courses, in May, or at the end of first-term half courses, in January, are known as *sessional examinations*.

A student who has failed in a sessional examination and has been given permission by the Dean to write a supplemental examination must write such supplemental examination during the following September. Written application to write a supplemental examination must be received at the Dean's Office before August 15th. A fee of $10 for each supplemental paper is payable to the Cashier as soon as the application has been approved.

A student in the first year who has not passed, in the sessional examinations, at least three of his courses will not be given permission to write supplemental examinations: he must withdraw from the Faculty or, if granted permission by the Dean, repeat his year.

A student in the second, third, and fourth years who has failed in more than one full or two half courses at the sessional examinations will not be given permission to write supplemental examinations: he must withdraw from the Faculty or, if granted permission by the Dean, repeat his year.

Under these circumstances, in either the first or later years, the Dean may grant permission to repeat a year only if the student (1) has passed in at least half of his courses, (2) has achieved, in those courses that he passed, at least a good third class average (i.e. about 60%).

A student who for reasons such as illness or family affliction, verified and accepted by the Dean's Office, has been unable to write one or more sessional examinations, may receive permission to write September supplemental examinations in their stead. Application must be made as above, before August 15th, but no fee will be charged.

ADVANCEMENT

REGULAR STANDING

A student who has completed all the courses of the preceding years by passing the sessional or supplemental examinations is in regular standing, and advances into the next year.

CONDITIONED STANDING

A student who, after attempting the supplemental examinations, is found to have completed all but one full course, or one or two half courses, of the preceding year, may advance into the next year with *conditioned standing*, but may not register for any course to which the uncompleted course is prerequisite. Such a student must either repeat the course in which he failed, or substitute another course for it.

If the course in which he failed is not compulsory, the student is strongly advised to substitute another appropriate course for the one in which the condition is carried. The consent of the Dean and of the Departments concerned must be obtained for such a substitution. Any such substituted course is additional to the normal year's work and must be passed in the regular sessional examination, no supplemental being permitted. A fee of $10 will be charged, which, however, exempts the student from paying the fee for the ensuing examination.

Alternatively, a conditioned student may, with the Dean's consent, register as repeating the course in which the condition is carried. Any such repeated course will be additional to the normal work of the year which the student enters with conditioned standing, and an additional fee of $10 will be charged as above.

If, after the May examinations in a session in which a student has conditioned status, the condition has not been removed, the student must either withdraw from the Faculty or repeat his year, if the Dean grants him permission to do so. Such permission will be granted only if the student has at least a good third class average (i.e. about 60%) in his other courses.

FAILURE TO ADVANCE

REPETITION

A student who is not eligible to advance with either regular or conditioned standing will be required either to withdraw from the Faculty or to repeat the year. Permission to repeat the year may be granted by the Dean on the conditions stated above.

A student repeating a year repeats all courses which have not already been passed, unless substitution has been permitted by the Dean and the Departments concerned. Additional courses must be taken to bring the total year's work up to the normal number of courses required for the year, and must be selected with the approval of the Dean. Such additional courses cannot later be credited to a subsequent year of regular standing.

A student repeating a year must pass all the courses for which he is registered without the privilege of a supplemental examination; advancement into the following year with conditioned standing is not permitted

The privilege of repeating a year will not be granted to a student more than once in the whole course of his candidacy for a degree in this Faculty.

A student repeating a year pays the regular sessional fee.

TRANSFER

Any student who has failed in any year of one of the degree courses of the Faculty may not be admitted to the same year in courses for another degree in the Faculty except under extraordinary circumstances and by sanction of the Dean.

CHANGING COURSES

Students who wish to change the courses for which they have registered must apply to the Assistant Dean for permission to do so. This permission may be granted provided that such changes do not involve conflicts in time-table nor destroy the required sequence of courses.

A student in Commerce must first obtain the approval of the Director of the School of Commerce. A student taking an Honours course must first obtain the approval of the Chairman of the Department in which he registered for Honours.

For full courses and for first term half courses no change will be permitted after October 15th. For second term half courses, no change will be permitted after January 25th.

EXEMPTIONS

A student desiring exemption from a course must first obtain the approval of the Dean and then that of the Department concerned, providing evidence that he has completed its equivalent. If so exempted, he must take another course to replace it on his list of requirements for that year. The replacing course will be regarded as an additional course, as defined below.

EXTRA AND ADDITIONAL COURSES

An *extra course* is one taken by a student to serve a cultural or intellectual interest and not to obtain credit towards a degree. No student can take an extra course unless he has obtained an average of 65% in his previous year and has had no failures in that year.

A student must obtain the permission of the Dean before taking an extra course and he can take only one extra course in each year; this course must be registered as an extra course on his registration card at the beginning of the year. For this course, no academic credit at any time can be granted, though the course, if all its requirements are properly fulfilled, may be used as a pre-requisite for courses in later years.

An *additional course* is one taken in addition to the normal number of courses for that year, either to meet the requirements of a department or to remove a deficiency from a previous year.

A student can take only one full additional course in any session and, before registering for such a course, must obtain the Dean's permission. For this additional course, he can receive academic credit provided he fulfils all the requirements of the course. If he fails in it, the failure is entered on his record and the normal regulations concerning supplemental examinations apply.

SCHOLARSHIPS, PRIZES, MEDALS, AND LOAN FUNDS

Details of Scholarships, Bursaries, Prizes, Medals, and Loan Funds are given in the Scholarships Announcement which may be obtained from the Registrar's Office.

McGill University

Montreal

School of Commerce

Arthur Purvis Memorial Hall

1951-1952

McGill University



Montreal

School of Commerce

Arthur Purvis Memorial Hall

1951-1952

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

McGill University

SCHOOL OF COMMERCE

ADMINISTRATIVE OFFICERS

F. Cyril James, B.Com., M.A., Ph.D., D.Sc., D.C.L., LL.D., D. de l'U., F.R.S.C., Chevalier de la Légion d'Honneur — *Principal*

John J. O'Neill, M.Sc., Ph.D., F.G.S.A., F.R.S.C. — *Vice-Principal*

H. N. Fieldhouse, M.A., F.R.S.C. — *Dean of McGill College*

H. D. Woods, M.A. — *Director of the School of Commerce*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A. — *Bursar*

T. H. Matthews, M.A. — *Registrar*

G. A. Grimson, B.Com. — *Chief Accountant*

B. COM. ADVISORY COMMITTEE

Professor H. D. Woods, *Chairman*

The Dean
Professor K. F. Byrd
Professor B. H. Higgins
Professor Herbeet Tate
Professor B. S. Keirstead
The Assistant Dean

A complete list of the teaching staff of the University, including the School of Commerce, is printed as a separate announcement, which may be obtained from the Registrar's Office.

SCHOOL OF COMMERCE OFFICE

ARTHUR PURVIS MEMORIAL HALL
1020 Pine Avenue West
Montreal 2

Telephones — MA 9181

Office	— Local	450
Staff	— "	458
Commerce Library	— "	452
Industrial Relations Centre	— "	294
Industrial Relations Library	— "	294

ADVISORY COUNCIL

FOR THE

SCHOOL OF COMMERCE

THE PRINCIPAL, *Chairman*
L. J. BELNAP
SAMUEL BRONFMAN
NORMAN DAWES
J. A. FULLER
FREDERICK JOHNSON
JAMES MUIR
H. G. NORMAN
F. B. WALLS
E. C. WOOD
H. D. WOODS, *Secretary*

School of Commerce

PRELIMINARY STATEMENT

The School of Commerce is an integral part of the Faculty of Arts and Science, and is therefore under the administration of the Dean of that Faculty. The programme of the School is designed to provide training for business and administrative careers in industry and the public service, and includes undergraduate training, graduate training, and extension activities for graduates and non-graduates. The programme is organized in several divisions, as follows:—

Bachelor of Commerce Degree—A four-year course of study designed to prepare the student for the B.Com. degree.

Master of Commerce Degree—Advanced training and research designed to prepare the student for the M.Com. degree.

Evening Certificate and Diploma Courses—Training courses in Accounting, Mathematics, Commercial Law, and allied subjects to assist evening students to prepare for certificate and diploma examinations conducted by the School, and to meet the requirements of certain professional societies.

Industrial Relations Centre—A centre established with the purpose of bringing members of the university staff and of the industrial community together with a view to promoting study and research in fields associated with industrial relations.

COMMERCE LIBRARY

The Commerce Library is located in Purvis Hall and consists of nearly 4,000 books, 6,000 pamphlets, and 500 periodicals and serial publications in the field of economics, business, industrial relations, and management. These materials are readily available on the shelves and in files in the library reading room. The facilities of the Redpath Library are also available to students.

UNDERGRADUATE PROGRAMME

The Bachelor of Commerce Degree

GENERAL INFORMATION

The School offers four years of undergraduate work leading to a degree of Bachelor of Commerce (B. Com.). The work of each year will normally consist of five courses each of three class sessions per week, which sessions may be in the form of lectures, demonstrations, laboratory, or discussion periods, depending on the course. A student will therefore have about fifteen hours of class meetings a week. The balance of his time will be devoted to readings, problems, the preparation of reports, essays and theses, and extra-curricular activities.

Certain of the five courses taken each year are obligatory; the remainder are selected by the student. Some of the courses are primarily commerce subjects; others are regular Arts subjects taken with students who are proceeding towards the B.A. or the B.Sc. degree.

The Commerce curriculum is designed to be a semi-professional educational program. Basic studies in Accounting, Statistics, Commercial Law, and Economics, and a minimum of general Arts work in Mathematics, Languages, and Science are required. From this foundation the student may continue with further Commerce work in Accounting, Finance, Industrial Relations, Marketing, and Business Organization and Management, or concentrate further upon courses in Economics, Political Science, Psychology, Sociology, Languages, or other approved studies. Students are assisted in their selection of these courses. Optional sequences must be approved by the Director.

The School of Commerce Administrative offices are in the Arthur Purvis Memorial Hall at the corner of Pine Avenue and Peel Street. The facilities of the Redpath Library are available to all students and a special Commerce Library is provided in Purvis Hall.

ADMISSION TO THE SCHOOL OF COMMERCE

All applications to enter the School of Commerce must be made on forms which may be obtained from the Registrar's Office. Each applicant from a High School should see that a confidential report is sent from his school Principal to the Registrar, as such a report is necessary for the consideration of the application. Completed applications should reach the Registrar not later than August 31st, and if possible much earlier.

Each accepted candidate will receive a formal acceptance to a definite course and year and this must be kept for presentation at registration.

The number of admissions is limited and the School is not bound to accept applicants who have passed the required examinations.

ADMISSION TO THE FIRST YEAR

A student may apply for admission to the First Year of the B.Com. course after passing in specified subjects of the McGill School Certificate Examination or one of the examinations recognized by the University. For details, see the School Certificate Examinations Announcement.

ADMISSION TO THE SECOND YEAR WITH SENIOR MATRICULATION

A student may apply for admission to the second year if he has passed the Senior School Certificate Examinations, or recognized equivalent, and if he has achieved an average of at least 70% on that examination as a whole. Special consideration may however, be given to candidates who have received an average of 65% to 70% if they have obtained high standing on each of English, History and Mathematics. For further particulars, see the School Certificate Examinations Announcement.

ADMISSION BY TRANSFER

Application for transfer into an upper year of the School should be made to the Registrar's Office. It must be made on the regular form and be supported by certified copies of the applicant's previous academic record including the matriculation record. Such an application will be considered only if the student is in good standing and has a record which justifies the transfer.

Students admitted into the Second or the Third Year will be required to take certain courses compulsory in a lower year, unless exempted.

Two years of residence are required as a minimum for the degree hence students can not be allowed to transfer into the Fourth Year.

REGISTRATION

All First Year students in the School of Commerce will register on Friday September 21st, from 9 a.m. to 4 p.m., in the Sir Arthur Currie Memorial Gymnasium. Students in the Second, Third, and Fourth Years will register in the Gymnasium on Friday September 28th from 9 a.m. to 4 p.m., and on Saturday, September 29th from 9 a.m. to 12 noon.

The Freshman Welcome meeting will take place on Monday, September 24th in the Gymnasium at 9 a.m.

After September 29th a special late registration fee must be paid (see the General Information Pamphlet included in this Announcement).

No student will be admitted after October 17th except by special permission of the Dean.

All women undergraduates registered at McGill University are automatically members of the Royal Victoria College, whether in residence or

not, and are required by the University to complete the registration forms of the Royal Victoria College. Students of the Royal Victoria College not residing with their parents or guardians in Montreal must apply for residence in the College or submit their plans for residence in writing to the Warden and obtain written approval. (See page 308 of the General Information Pamphlet.)

REGISTRATION PROCEDURE

Each regular undergraduate must be registered for the courses and year to which he has been accepted. Limited undergraduates and Partials must obtain approval of their courses from the Director of the School and the Dean's office before proceeding to register.

All students intending to take an Honours Course in Economics or Political Science, must obtain the approval of the Chairman of the Department of Economics and the Director of the School before registration.

Courses of study for the B.Com. degree are laid down on pages 1210-1211 and details of these courses are found in pages 1212 to 1231. Information regarding registration for Honours in Economics, or Political Science, Distinction, and Great Distinction is found on page 1209.

ATTENDANCE, EXAMINATIONS, AND ADVANCEMENT

The attention of students in Commerce is called to a separate pamphlet entitled *Regulations Governing Attendance, Examinations, and Advancement* issued by the Faculty of Arts and Science. This booklet is distributed at the time of registration. Extra copies may be obtained through the Dean's Office.

FEES

Regular University fees and special fees are explained in the General Information Pamphlet enclosed with this Announcement.

Fees for the Evening Courses are shown on page 1243.

DATES OF PAYMENT

Fees are due and payable at the Accounting Office between the hours of 9 a.m. and 4 p.m. (Saturday 9-12), on the following dates:—

Friday, September 21st
to
Friday, October 5th

If desired, fees may be remitted by mail before the above dates.

The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the above paragraph.

Failure to pay fees by the prescribed dates will result in suspension from attendance at classes by the Dean of the Faculty until fees are paid, or a satisfactory arrangement is made with the Chief Accountant.

EXPENSES

An estimate of expenses will be found in the General Information Pamphlet included in this Announcement.

PASS MARK AND CLASSES

The pass mark in all examinations is 50 per cent, and the marks for first and second class standing are 80 per cent and 65 per cent respectively.

DISTINCTION AND HONOURS

Distinction in the General Course will be awarded to students, other than those registered in the Honours course in Economics, who achieve a 75 per cent average in the Second, Third, and Fourth Years.

Great Distinction will be awarded to students who achieve an 80 per cent average in the Second, Third, and Fourth Years.

Honours in Economics—A student may take a degree of Bachelor of Commerce with Honours in Economics, if he elects to do so at the beginning of his Second Year, obtains the permission of the Chairman of the Department of Economics and Political Science, and during the four years takes a minimum of seven courses in Economics with at least a second class average. Certain specified honours courses will be required.

Honours in Political Science—A student may elect Honours in Political Science (Public Administration) at the beginning of the Second Year provided he obtains permission of the Chairman of the Department of Economics and Political Science, and during the four years completes with appropriate standing the courses chosen by the department.

Examinations—At the end of the Fourth Year, Honours candidates will write comprehensive examinations on the total work done in Economics or Political Science, such examinations taking the place of the regular course examinations in those subjects for that year. Comprehensive examinations will consist of the following: for candidates in Economics, one paper in the general field of economics and one in a special subject (such as Labour Economics or Money and Banking); for candidates in Political Science, one paper in the general field of political science and one in Public Administration. In preparation for these

papers, course work will be supplemented during the Third and Fourth Years by tutorial instruction.

CURRICULUM

The curriculum leading to a B.Com. degree consists in part of compulsory courses and in part of optional courses chosen in accordance with the student's individual interests. As optional courses a student may take any courses offered in the Faculty of Arts and Science which are approved by the Director. A student in any year is expected to satisfy himself before he selects any optional course:

(1) That he has completed any pre-requisite work for the course.

(2) That there is no conflict in his time-table.

(3) That his selection is approved by the Director.

The choice of optional courses is very important. Only one limited option is permitted in the First Year. During that year the student should seek guidance from faculty members to assist him in working out for later years an integrated group of courses most suited to his interests and needs. For example, the student planning to become a Chartered Accountant should be sure that he elects the appropriate options required for this professional training. Similarly, a student interested in specialization in Industrial Relations should obtain advice on the most appropriate grouping of optional courses in Economics, Psychology, and Sociology. The high degree of flexibility provided by the optional system makes careful selection imperative.

English Composition Requirement. Candidates for the B.Com. degree must satisfy the Department of English (which, in this matter, acts as the agent of the Faculty of Arts and Science) that they can write English of adequate quality. To this end all First Year students must register in English 100C and follow this course until they have demonstrated their competence.

Compulsory Courses	Optional Courses
FIRST YEAR	
English 100	One of French 11*
English 100C	Spanish 11
Mathematics 11	German 1
Economic History (Economics 100)	Geography 21
Accounting 1	

*See page 1228.

SECOND YEAR	
Elements of Economics (Economics 211C) Accounting 2 Commercial Law 1	Two full courses or the equivalent in half courses chosen from the following and approved by the Director: Mathematics* English French 21 German 2 Spanish 21 Psychology 21 Philosophy 1 Sociology 21 History, 1, 2, 3 Science in Economic Life 1 (Geography 21) Political Science 211
THIRD YEAR	
Economic Statistics (Economics 361a) Money and Banking (Economics 321)	The equivalent of three and one-half courses chosen from: Science in Economic Life 3 (Chemistry 70) Accounting 3 Economics Political Science Marketing Mathematics Languages Geography, etc.
FOURTH YEAR	
Economic Analysis (Economics 412)	The equivalent of four full courses chosen from: Accounting 4 Business Organization Marketing Thesis Economics Political Science etc.

Fourth year students who have had a second class average are recommended to take the thesis course.

*Mathematics 23a and 23b are compulsory for students who intend to specialize in Accounting.

STUDENTS WORKING TOWARDS A PROFESSION

Students who intend after graduation to enter a profession should acquaint themselves with the requirements for admission to that profession, and should take these requirements into consideration when choosing their optional courses.

Candidates for the Licentiate in Accountancy of McGill University, conferring on its holders the right to become members of the Institute of Chartered Accountants of Quebec, must have taken the following courses in proceeding to their degree of Bachelor of Commerce—

Five courses in Theory and Practice of Accounts

Business and Industrial Organization and Management (or approved alternative)

Commercial Law

Economics 211C

Mathematics 11, 23a, and 23b

For further particulars see page 1232.

THE MASTER OF COMMERCE DEGREE

Bachelors of Commerce who have obtained at least second class standing and who have the permission of the Director of the School of Commerce and of the Department of Economics and Political Science may apply to proceed to the Master of Commerce Degree. For particulars see the Announcement of the Faculty of Graduate Studies and Research.

DESCRIPTION OF COURSES

The following list includes all required courses for the B.Com. degree, as well as the principal courses available as options from which the student may choose to complete his programme. Unlisted courses offered by the Faculty of Arts may also be chosen. The complete programme of any student must be approved by the Director.

Courses required for the Bachelor of Commerce degree are designated (*Req. B.Com.*).

Courses required for the Licentiate in Accountancy are designated (*Req. L.A.*).

ECONOMICS

100. ECONOMIC HISTORY. First year (Full course). A survey of the evolution of economic institutions from the ancient empires in Sumaria and Egypt to the outbreak of war in 1939. The course reviews the continuity of economic activities from the early empires through Greece and Rome; the manorial organisation of the early Middle Ages; the revival of towns, commerce and financial institutions; the widening of geographical and intellectual horizons; the industrial revolution and colonisation; the economy of the 19th century; the first world war and the breakdown of the world economy after 1931. (*Req. B.Com.*)

3 hours *Professor James*

211C. PRINCIPLES OF ECONOMICS. Second year (Full course). An introduction to the general principles of economics, dealing mostly with production and exchange; but some consideration is given to distribution. Specific types treated are: the factors of production, specialization, competition, risk, the Monetary system, banking, price levels, supply and demand analysis, international trade, wages, interest, rent and profits. (*Req. B.Com. except for honours students.*)

3 hours *Professor Beach*

This course is prerequisite to all courses in Economics except Economics 100.

211H. INTRODUCTION TO ECONOMIC THEORY. Second year. (*Required for Honours Students*) (Full course). An introduction to economic analysis covering general price theory, the theory of the firm, theory of production and distribution and general equilibrium theory.

3 hours *Mr. Weldon*

This course is prerequisite to all honours courses in Economics.

300. ECONOMIC HISTORY OF MODERN BRITAIN. Third year (Full course). Traces the course of British economic development from the breakdown of the medieval system to the present day. Particular attention is paid to the influence on British history of population movements; the introduction of new techniques in agriculture, transportation, industry, and finance; and the economic development of overseas areas.

3 hours. *Mr. Dales*

Prerequisite: Either Economics 100 or History 1.

311. HISTORY OF ECONOMIC THOUGHT. Third or Fourth year. (*Honours students only*) (Full course). A critical study of the writings of the great economists, with particular reference to the period from Adam Smith to the present day.

3 hours *Professor Marsh*

321. MONEY AND BANKING. Third year (Full course). Theory and practice of money and credit; organization and operations of financial institutions; monetary policy; concept and function of money; early history of credit institutions; the crisis of 1825, the Peel Bank Act, and the development of the British financial system; the National Banking System in U.S. and the evolution of the Federal Reserve System; early development of Canadian banking; effects of World Wars I and II and of the Great Depression on U.S., U.K., and Canadian banking; monetary policy and economic fluctuations. (*Req. B.Com.*)

3 hours *Professor Higgins*

331. ECONOMIC POLICY. Third or Fourth year (Full course). A study of the economic policy of governments, with particular regard to corporations and forms of business enterprise, regulation of markets and competition, monopoly problems, public utilities, and governmental enterprises, fiscal policy, the maintenance of full employment, and the prevention of inflation.

3 hours *Mr. Schwartzman*

341a. LABOUR ECONOMICS. Third and fourth years (Half course). The origin of labour problems in modern industrial organization; their interpretation in the light of economic theory; the theory of wages and employment.

First term: 3 hours *Professor Woods*

341b. LABOUR INSTITUTIONS. Third and fourth years (Half course). The course is designed to supplement the course in labour economics but may be taken separately. It deals with trade unions, co-operative societies, credit unions, labour political movements, labour legislation, and governmental organization in the labour field. Students are advised to take Economics 341a.

Second term: 3 hours *Professor Woods*

351. CANADA: GEOGRAPHIC, INDUSTRIAL, AND ECONOMIC PROBLEMS. Third year (Full course). This course consists of discussions on current economic and political problems in Canada with special emphasis on their origins, causes, and possible solutions; e.g., the wheat problem, the coal problem, etc.

3 hours *Professor Culliton*

361a. ECNOOMIC STATISTICS I. Third year (Half course). Description of frequency distributions including measures of central tendency, dispersion, and skewness. Charting and analysis of time series: trend lines,

seasonal indexes, and measurement of cyclical fluctuations. Index numbers. Simple linear correlation.

3 hours *Mr. Schwartzman*

Prerequisite: Mathematics 11a, 12b; Mathematics 23a would be very helpful.

Economics 211 is not a prerequisite.

361b. ECONOMIC STATISTICS II. Third year (Half course). An introduction to Statistical Inference covering the following topics: elementary probability, binomial distribution, normal distribution, Poisson distribution; sampling distributions, tests of statistical hypotheses, estimation of population parameters. Bivariate analysis will be included.

3 hours. *Mr. Schwartzman*

Economics 211 is not a prerequisite. Permission of the instructor required.

400. THE ECONOMIC HISTORY OF NORTH AMERICA. Third or Fourth year (Full course). Deals primarily with Canada and the influence of the United States on Canadian economic development. The codfisheries; fur trade, settlement, and the struggle for the continent; breakup of the first British Empire; Confederation; commercial policy; railways; twentieth century industries.

3 hours. *Mr. Dales*

411. ADVANCED ECONOMIC THEORY. Fourth year. (*Honours students only*) (Full course). An attempt to formulate the theoretic problems on the frontiers of the science and to study attacks on these problems in the recent literature.

3 hours *Professor Keirstead*

Prequisite: Economics 311.

412. ECONOMIC ANALYSIS. Third or Fourth year (Full course). A systematic study of the techniques and principal results of theoretical analysis, including the theory of prices, wages, interest rates; the theory of accounts; the marginal analysis of individual firm, industry, and household; the theory of capital. (*Req. B.Com. except for Honours students in Economics.*)

3 hours *Mr. Weldon*

421. PUBLIC FINANCE. Fourth year (Full course). Historical introduction. Outline of the history of the science. The subject of public finance. Economic function of the state. Material and formal order in public finance. State expenditures: definition, evolution, principles, effects, system and classification, the several kinds of expenditures considered. State revenues: definition, evolution, principles, effects, system and classification, the several kinds of revenues considered. Extraordinary expenditures and revenues (War finance). State property and State debts.

3 hours *Professor Novotny*

Prerequisite: Economics 321.

422a. ECONOMIC FLUCTUATIONS. Fourth year. (*Honours students only*) (Half course). Analysis of the nature and causes of fluctuations in income, employment, prices, production, etc. The 3 types of cycle: Kitchin, Jugler, and Kondratieff; secular stagnation, the concept of national income; major components; fundamental savings-investment and monetary flow equations; the multiplier; the relation; interactions of multiplier and relation; the Schumpeter Model; the Kalecki-Kaldor model; the Hayek model; the Keynesian system; Hansen and the doctrine of economic maturity.

First term: 3 hours *Professor Higgins*

Prequisite: Economics 321.

This course is prerequisite to Fiscal Policy (422b).

422b. FISCAL POLICY. Fourth year. (*Honours students only*) (Half course). This course is concerned with actual and proposed economic policies for the maintenance of full employment without inflation. Nature of the employment problem; policy implications of "long wave" and "stagnation" theories; policies to stimulate private investment; policies to increase consumer spending; public investment policy; monetary vs. fiscal policy; tax reduction vs. increased expenditures; foreign trade policy and employment; debt management.

Second term: 3 hours *Professor Higgins*

Prerequisite for this course is Economics 422a.

424a. INTERNATIONAL TRADE AND TRADE POLICY. Fourth year (Half course) A study of the economic problems which result from the existence of sovereign states: foreign exchanges, tariffs, commercial policy, state trading, international economic agreements.

First term: 3 hours *Professor Marsh*

Prerequisite: Economics 321.

425a. CORPORATION FINANCE. Fourth year (Half course). Nature and characteristics of the Corporation. Growth of corporations—degree of corporate enterprises—characteristics of the "corporate system". The government and corporations. Intercorporate relations—the holding company. The Capital Market—finance and corporate finance—the role of banks, insurance companies, trust companies, corporate and institutional investors in the market—the investment trust. The Stock Exchange. Capitalization—par value and no par value stock—preferred shares—apportionment of earnings. Capital and voting power amongst different classes of investors—Redemption. Corporate Borrowing—Trust Deed and Bond issues—sinking fund—Equipment Obligations. Corporate Reorganizations. The Sale of Securities—Investment Banking—Regulation of Securities Sales in England, U.S. and Canada—The Securities and Exchange Commissions.

Second term: 3 hours *Professor Vineberg*

431. INTERNATIONAL COMMODITY CONTROLS. Fourth year (Full course) This course includes, as well as international commodity controls, the wider question of monopolies, cartels, patents and monopoly legislation. It is conducted along seminar lines.

3 hours *Professor Culliton*

Not given 1951-52.

432. TRANSPORTATION. Fourth year (Full course). History and development of the Canadian transportation system; economic characteristics of the various transportation media; comparative analysis of cost and rate structures; problems of regulation and control.

3 hours *Professor Culliton*

441. INDUSTRIAL RELATIONS. Third and Fourth year (Full course). An introduction to the problems of employer-employee relations including the management of personnel, legislation, employee organization and the state function and public interest in industrial relations.

3 hours *Professor Woods*

442. COLLECTIVE BARGAINING. Fourth year. (*Entrance by permission of Instructor*) (Full course). A seminar course involving an intensive study of collective bargaining institutions and techniques, grievance procedures, law and the state machinery for industrial relations. The course covers trade unionism, employers' associations, collective agreements, negotiations, the content of such agreements, conciliation and arbitration. Experience in other industrial countries is also examined.

3 hours *Professor Woods*

461a. ECONOMETRICS I. Fourth year (Half course). An elementary mathematical treatment of basic economic theory. Attention is chiefly given to technique.

First term: 3 hours *Professor Beach and Mr. Weldon*

Prerequisite: An elementary course in the calculus.

461b. ECONOMETRICS II. Fourth year (Half course). A development of the mathematical aspects of econometrics. Attention is chiefly given to selections from the recent literature.

Second term: 3 hours. *Professor Beach and Mr. Weldon*

Prerequisite: Economics 461a.

462a. STATISTICAL INFERENCE. Fourth year (Half course). A continuation of the statistical theory of sampling, reliability, estimation, and testing of hypotheses developed in Economics 361b.

First term: 3 hours *Professor Beach*

POLITICAL SCIENCE

NOTE:—Political Science 211G or 211H and either History 1 or Economics 100 are prequisite to all Third and Fourth year courses in Political Science.

211G. COMPARATIVE GOVERNMENT. Second year (Full course). An analysis of the basic concepts of Political Science, with illustrations drawn mainly from the experience of constitutional and dictatorial government as practiced in certain modern states.

3 hours *Mr. Macquarrie*

211H. COMPARATIVE GOVERNMENT. Second year (Full course). *For Honours students.*

3 hours. *Professor Watkins*

311. HISTORY OF POLITICAL THEORY. Third year (Full course). A survey of the development of Western political thought from ancient Greece down to the present.

3 hours *Professor Watkins*

321b. POLITICAL THOUGHT AND INSTITUTIONS OF CHINA AND JAPAN. Third or Fourth year (Half course). A study of the traditional political systems of China and Japan, and of the problems resulting from various attempts to adapt those systems to the requirements of Western civilization.

Second term: 3 hours *Professor Watkins*

Restricted to Third and Fourth Year students.

322a. GOVERNMENT OF GREAT BRITAIN. Third or Fourth year (Half course). A study of the institutions and working of parliamentary government in Great Britain.

First term: 3 hours *Professor Mallory*

323b. GOVERNMENT OF THE BRITISH DOMINIONS. Third or Fourth year (Half course). Institutions and working of parliamentary governments in the British Dominions.

Second term: 3 hours *Professor Mallory*

Not given 1951-52.

324b. GOVERNMENT OF THE BRITISH COLONIAL EMPIRE. Third or Fourth year (Half course). A study of the nature of imperial control, degrees of local self-government, Colonial economic development, and development of political institutions.

Second term: 3 hours *Professor Mallory*

325b. THE GOVERNMENT OF THE UNITED STATES. Third or Fourth year (Half course). A study of the Constitution, the political institutions, and the working of Congressional Government in the United States.

Second term: 3 hours. *Mr. Sainsbury*

331b. THEORY AND PRACTICE OF NATIONALISM. Third or Fourth year (Half course). A study of the conditions which led to the development of modern nationalism, and of the political techniques most commonly employed for the creation and maintenance of national sentiments.

Second term: 3 hours *Professor Watkins*

Prerequisite: History 1 or Political Science 311, preferably both.

Not given 1951-52.

343a. MUNICIPAL GOVERNMENT. Third or Fourth year (Half course). A study of systems of local governments in Great Britain, the United States, and Canada, and an examination of municipal problems of law, politics and finance.

First term: 3 hours *Mr. Corbett*

344. INTERNATIONAL RELATIONS. Third or Fourth year (Full course). An analysis of the persistent forces that underlie international relations, with particular emphasis upon the problems which result from the existence of the modern state system.

3 hours *Mr. Sainsbury*

351. GOVERNMENT OF CANADA. Third or Fourth year (Full course). The working of parliamentary federations in Canada. The problems of federal-provincial relations; the structure of parliamentary government; the evolution of national status.

3 hours *Professor Mallory*

355a. POLITICAL PARTIES. Third or Fourth year (Half course). A comparative study of the organization, role and functioning of political parties and the party system in constitutional states.

First term: 3 hours *Professor Mallory*

441. THE ADMINISTRATIVE PROCESS. Fourth year (Full course). An introduction to the theory and practice of Public Administration with examples drawn principally from Canada, the United States, and Great Britain.

3 hours *Mr. Corbett*

Prerequisite: Political Science 351, and either Political Science 322a or 325b.

NOTE: Philosophy 6, Constitutional Law and Jurisprudence may be offered by permission of the Department as courses in Political Science.

ACCOUNTING

The first and second year courses are obligatory and are prerequisites to Accounting 301 and 401. Third and fourth year courses are optional.

101. ELEMENTS OF ACCOUNTING. First year (Full course). Introductions to Books of Account and Financial Statements; theory of debit and credit; principles of double entry; books of original entry; transactions through the general Journal, and sales and purchase books; special forms of cash book; controlling accounts; general ledger; accounts receivable and accounts payable ledgers; discounts, interest, prepaid and accrued charges; notes and bills of exchange, cheques, invoices, statements of account, bills of lading and other commercial papers; imprest system of petty cash; depreciation; reserves for bad debts and discounts; inward and outward consignments; capital and revenue expenditure; bank reconciliations; voucher register; single entry; preparation of Trading and Profit and Loss Statements and Balance Sheets; single proprietorship; elementary partnership accounts.

(*Req. B.Com*) *Professor Pugsley and Mr. Anderson*

201. PARTNERSHIPS, CORPORATIONS, AND MANUFACTURING ACCOUNTS. Second year (Full course).

Operating Statements and Balance Sheets.

Partnerships: formation; the partnership agreement; classes of partners and of partnerships; rights, duties, and powers of partners; distribution of profits; admission and withdrawal of partners; partnership dissolution; sale of a partnership to a corporation; default of a partner; goodwill in the accounts.

Goodwill: principles and valuation.

Manufacturing accounts and statements; factory departments; elements of cost; materials and supplies; work in process and finished goods accounts.

Corporations: formation and control; shareholders; directors; meetings; public and private companies; capital stock; limited liability; statutory books; auditors; dissolution; elementary treatment of issues of capital stocks, bonds and debentures.

Departmental accounts; distribution of charges to departments; comparison of departments' operations.

Depreciation: principles; methods of accounting treatment; entries on disposal of fixed assets.

Reserves and Reserve Funds: classification; sinking funds; secret reserves.

Elementary Consideration of Financial Statements: analysis and interpretation; methods of presentation; treatment of surplus.

Advance advice as to Accounting Techniques: branch accounting; budgets; cost accounting.

(*Reg. B.Com*) *Mr. Houghton*

301. STATEMENT ANALYSIS, AUDITING, AND BRANCH ACCOUNTS. Third year (Full course).

(a) *Accounting:* Balance sheet: Principles of valuation of current and fixed assets and liabilities; contingent liabilities; critical analysis; ratios and enquiries; reports.

Bonds and debentures; security payment of interest and principal; the trust deed; bond issue and redemption; nominal and effective interest rates; amortization.

Sinking Fund reserves and investments; secret reserves.

Capital Stock; accounting treatment; preferred and common shares; par and no par value; authorized, allotted, issued, and paid-up capital; treasury stock; forfeiture of shares; redemption of redeemable preferred shares.

Surplus; earned, distributable and capital surplus; capital and revenue; profits and losses; dividends.

Comparative Balance Sheets and operating statements; schedule of working capital; sources and application of funds; equity of shares; sundry analyses; comparative ratios.

Branch Accounts; merchandise charged at cost, intermediate, or selling prices; foreign branches; conversion of accounts in foreign currency.

(b) *Auditing:* definition; classification and scope; objects and advantages; internal check; rights, duties, and responsibility of auditors; fraud and error in accounts; legal regulations—Dominion and Provincial; audit procedure and programmes; audit certificate and reports, audit working papers; investigations.

(*Req. L.A.*) *Professors Byrd and Patton*

401. REORGANISATIONS, EXECUTORSHIP ACCOUNTS AND TAXATION: Fourth year (Full course). Reorganisations: Schemes of amalgamation and absorption, including pooling schemes; conversion of firms to limited companies; reduction of capital stock of corporations and refinancing, with special consideration of rights of different classes of shareholders; accounting treatment.

Instalment Sales: Accounting methods including determination of profit distribution.

Executorship Accounts: Accounting for capital and income; charge and discharge statements; succession duties.

Taxation: General principles. Income taxes: Federal and Provincial, theory and practice; study of appropriate Acts, as amended, and their application in assessments of individuals, partnerships and corporations. Brief consideration of other taxes, Federal, Provincial and Municipal.

(*Req. L. A.*) *Professor Byrd*

402. CONSOLIDATIONS, COST ACCOUNTING AND BUDGETARY CONTROL. Fourth year (Full course). Holding companies; Purpose and types of consolidations; methods of Presenting Holding Company Statements; consolidated balance sheets and operating statements; intercompany transactions and accounts; stock and bond holdings—investment accounts; legal provisions; minority interest; auditor's report to the shareholders.

Cost Accounting; Terms and Cost Formulæ; Elements of Cost; the general accounts and the Cost Records; materials—purchasing, receiving, storage, and consumption of materials; labour—time reports and payrolls, labour reports and distribution; manufacturing expense—principles of

procedure, distribution to departments and to production; operating and financial statements; cost reports; estimating cost systems; standard costs; variances, cost ratios.

Budgetary Control: Preparation and control of the budget; divisions of the budget; the over-all budget programme; elementary consideration of flexible budgets.

Bankruptcy and Liquidation Accounts: Receiver's Accounts; priority of creditors; Statement of Affairs; Deficiency Account; Realization and Liquidation Statement; operations of the Trustee.

(*Req. L. A.*) *Professor Patton*

BUSINESS ORGANIZATION AND INDUSTRIAL MANAGEMENT

401. BUSINESS ORGANIZATION AND INDUSTRIAL MANAGEMENT. Fourth year (Full course). This course deals with the evolution of business organizations. Principles of Organization and Management are considered and their application to a representative manufacturing company illustrated. It considers problems of promotion and internal structure and administration as well as office management. Plant layout, production planning, methods analysis, material control, as well as labour relations, are also analysed.

(*Req. L.A.*) *Professor Pugsley*

MATHEMATICS

11. TRIGONOMETRY, ALGEBRA, ANALYTICAL GEOMETRY. (Full course.)

PLANE TRIGONOMETRY. Radian measure, logarithms, definitions of the trigonometrical functions, relations between the trigonometrical functions, reduction of angles, addition formulae, transformations of sums and products, logarithmic solution of triangles, problems in heights and distances, inverse functions, solution of trigonometric equations, graphs.

ALGEBRA. Variations, progressions, permutations and combinations, mathematical induction, binomial theorem, theory of quadratic equations.

ANALYTIC GEOMETRY. The analytic geometry of the straight line and circle.

3 hours *Staff*

(*Req. B.Com.*)

23a. ANALYTIC GEOMETRY AND CURVE FITTING. (Half course). The analytic geometry of the straight line, circle, and parabola, with application to curve fitting.

First term: 3 hours *Professor Tate*

Text: C. H. Sisam, Analytic Geometry (Holt).

(*Req. L.A.*)

23b. THEORY OF INTEREST. (Half course). Simple and compound interest, discount, annuities certain, sinking funds, bonds, elementary interpolation.

Second term: 3 hours *Professor Tate*

Text: H. Tate, Mathematical Theory of Interest (Pitman).

(*Req. L.A.*)

24. ELEMENTARY CALCULUS. (Full course). Graphical representation, limits, differentiation and integration of elementary functions with applications to the determination of lengths, areas, and volumes and to the solution of simple problems in mechanics, physics, etc., partial differentiation.

This course is intended to give students of biochemistry, chemistry, economics, and sociology a working knowledge of the elements of calculus.

3 hours *Mr. Fullerton and others*

Text: R. R. Middlemiss, Differential and Integral Calculus (McGraw-Hill).

37a. FURTHER CALCULUS. (Half course). Hyperbolic functions, partial differentiation, infinite series, beta and gamma functions.

First term: 3 hours *Professor Tate*

Prerequisites: Mathematics 23a, 24.

Text: R. R. Middlemiss, Differential and Integral Calculus (McGraw-Hill).

38b. ELEMENTARY PROBABILITY AND MATHEMATICAL STATISTICS. (Half course). Averages, measures of dispersion, probability functions, the normal curve, comparison of distributions, correlation, sampling.

Second term: 3 hours *Professor Fox*

Prerequisites: Mathematics 23a, 24, 37a.

Texts: S. S. Wilks, Elementary Statistics (Princeton University Press).

43b. MATHEMATICS OF LIFE INSURANCE. (Half course). Expectation of life, life annuities and assurances, reserves, return of premiums, conversion tables.

Second term: 3 hours *Professor Tate*

Prerequisite: Mathematics 23b.

Texts: Menge and Glover, Mathematics of Life Insurance (Macmillan); C. K. Knight, Advanced Life Insurance (Wiley).

NOTE

(1) Students are advised to take the mathematical courses in the following order:

(a) Mathematics 11a and 12b in the first year.

(b) Mathematics 23a and 23b in the second year.

(c) Mathematics 24 and/or 43b in the third year.

(d) Mathematics 37a, 38b in the fourth year.

(e) Students who are taking Honours in Economics should take Mathematics 24 in their second year.

(2) Students in Commerce who wish to take mathematical courses other than those listed above will find additional courses in the Announcement of the Faculty of Arts and Science. Such students should consult the Department of Mathematics before registering in these courses.

LAW

COMMERCIAL LAW 1. (Full course). Law of Contracts, Sale, Agency, Partnership, Company Law, and Negotiable Instruments.

3 hours *Professor Vineberg*

(*Req. B.Com.*)

INTERNATIONAL GOVERNMENT. (Half course). A study of International Institutions, particularly the League of Nations and the United Nations and the Specialized Agencies.

Second term: 2 hours *Professor Cohen*

(*Commerce students may take this course only after obtaining permission from Professor Cohen.*)

MARKETING

301a. ELEMENTS OF MARKETING. Third year (Half course). An introduction to the study of marketing institutions, practices and policies. The course includes a description and appraisal of methods of marketing agricultural, industrial, and consumer goods, and a critical examination of distribution costs, and legislation affecting marketing.

First term: 3 hours *Mr. Loftus*

401. MARKETING PROBLEMS OF DISTRIBUTORS AND MANUFACTURERS. Fourth year (Full course). A study of the organization, administration and business policies of the main types of marketing institutions and firms (e.g., co-operatives, commodity exchanges, wholesalers, mail-order firms, chain stores, department stores, and independent retailers). The study includes more detailed and specialized examination of some of the topics introduced in the Marketing course, particularly of marketing policies of manufacturers.

3 hours

Not given 1951-52.

402. MARKET RESEARCH. Fourth year (Full course). A thesis course in Marketing. Each student is required to write a marketing thesis under direction, and to attend a marketing conference of one hour per week.

3 hours.

Prerequisite: Marketing 301a.

Not given 1951-52.

SCIENCE IN ECONOMIC LIFE

These courses are designed to give the student an understanding of the various factors in man's physical and social environment that determine his manifold activities and his ability to utilize them to his advantage. In general, these factors are the subject matter of several sciences.

SCIENCE IN ECONOMIC LIFE 1 (GEOGRAPHY 21)—SOCIAL GEOGRAPHY. (Full course). Scope and aim of social geography: affinity to other sciences. Nature of physical environment and of man-land relationships. World distribution of foods, raw materials, and fuels in relation to changing needs of industry, commerce, and population. Problems of land use and resource conservation. Select areal studies illustrating the role of geography in modern economic life.

3 hours *Professors Hare and Bird*

SCIENCE IN ECONOMIC LIFE 3 (CHEMISTRY 70)—CHEMISTRY (Full course). Chemistry has two classical subdivisions, organic and inorganic, and both with their many ramifications determine the ways in which matter can be made to serve man and, therefore, be of economic importance to him. The general and most useful principles of chemistry are treated so that the student can appreciate the role this science plays in modern industry.

2 hours *Professor Hatcher*

THESIS COURSE

Students who have been recommended by the Director (generally those with a good second class average or better) should write a thesis under

the direction of one of the Instructors in the School of Commerce. Such a thesis will have the value of one full course. The students will meet at a time and place to be announced. Subjects must be chosen and accepted by the Director by October 20th. A descriptive outline of the subject must be submitted to the Instructor by December 1st, and the final report, typewritten, must be submitted to the Director not later than April 1st.

ENGLISH

The courses in English give a general training in composition and require a broad study of English literature with appropriate reading. A student whose mother tongue is not English and who might, therefore, encounter unusual difficulties with English 100 in the first year may apply to the Department of English for permission to postpone English 100 until the second year. If this permission is granted the student will take Commercial Law in the first year. In such cases the student is recommended to consult with the Department of English as to the advisability of taking remedial instruction in English outside the normal requirements. Any such remedial course will not be counted for degree purposes.

First Year

100. ENGLISH LITERATURE AND COMPOSITION. (Full course.)
3 hours *Professor Duthie and Assistants*
(*Req. B.Com.*)

100C. ELEMENTARY ENGLISH COMPOSITION. (Half course.)
One hour a week throughout the session. *Professor Duthie and others*
(*Req. B.Com.*)

150. ENGLISH COMPOSITION. (Half course.) For those who need special instruction and practice in writing correct, idiomatic English.
One hour each week throughout the session *Miss Fricker*
Students must have the instructor's permission to take this course.

Second Year

English Literature: Choice of Second Year Arts and Science courses.

Third or Fourth Year

A choice of any General Arts and Science courses in English in these years.

FRENCH

First Year

11. (Advanced) } FRENCH. (Full course).
12. (Ordinary) }

General survey of French literature in the 18th and 19th centuries. French composition.

3 hours *Professor Larivière and Staff*

13. GENERAL SURVEY OF FRENCH CIVILIZATION (Full course).

3 hours *Professor d'Hauteserve and Staff*

Students who do not intend to continue French beyond the first year are advised to enrol for French 13, in which there is more emphasis on language and less on literature.

All other students should enrol for French 11 or 12, according to their proficiency in the language.

Students are reminded that it is not possible to attain fluency in spoken French without extra work and those who really desire to speak French for cultural or professional purposes are recommended to attend the French Summer School.

Second Year

21. GENERAL SURVEY OF MEDIEVAL AND CLASSICAL FRENCH LITERATURE; FRENCH COMPOSITION AND PHONETICS. (Full course).

3 hours *Professor Furness and Staff*

Prerequisite: French 11 or 12 or the equivalent.

23. COMMERCIAL, INDUSTRIAL, AND SCIENTIFIC FRENCH. (Full course).

3 hours *Professor d'Hauteserve*

Prerequisite: French 11 or 12, or the equivalent.

Texts: Lebert, Pasteur (Dryden Press); Whitmarsh, Advanced French Course (Longmans).

Third or Fourth Year

41. MODERN FRANCE. (Full course). Geographical outline. Political, social, and economic aspects of French life since 1870.

3 hours *Professor Launay*

(*This course is open to students with a reasonable command of spoken French and the ability to take notes in French during the lectures.*)

For additional courses in French, which may be open to Commerce students at the discretion of the Chairman of the Department, see the Announcement of the Faculty of Arts and Science.

GERMAN

1. GERMAN LANGUAGE. *Professor Meyer and Mr. Block*
2. GERMAN LANGUAGE. *Mr. Block*
5. GERMAN LANGUAGE. *Professor Meyer*

For further information and additional courses in German, see the Announcement of the Faculty of Arts and Science.

SPANISH

11. FIRST YEAR. (Full course)

Grammar, reading and dictation, oral exercises and composition.

3 hours *Professor Henry and Mr. Stegen*

21. SECOND YEAR. (Full course)

Further cultural reading, translation, free composition, conversation.

3 hours *Professor Henry and Mr. Stegen*

31. THIRD YEAR. (Full course)

Novelists of XIX Century. Advanced composition, translation, conversation.

3 hours *Professor Harrop*

32. THIRD AND FOURTH YEARS (Full course). A "great writers" course covering the masterpieces of Spanish literature.

3 hours *Professor Harrop*

42. SPANISH DRAMA OF THE 19TH AND 20TH CENTURIES. Fourth year (Full course).

3 hours *Professor Harrop*

Open to Third Year students with permission of the Department.

43. SPANISH-AMERICAN LITERATURE. Fourth year (Full course).

3 hours *Professor Harrop*

Open to Third Year students with permission of the Department.

For titles of text books, see Announcement of Faculty of Arts and Science.

HISTORY

1. EUROPEAN CIVILIZATION SINCE THE ROMAN EMPIRE AND ITS EXPANSION OVERSEAS. *Professor Bayley*

2. GENERAL HISTORY OF NORTH AND SOUTH AMERICA.

Second Year. *Professor Adair*

3. HISTORY OF THE BRITISH EMPIRE. Second year. *Professor Cooper*

8. THE RISE OF BRITISH INDUSTRIAL DEMOCRACY SINCE 1815.
Fourth year. *Professor Reid*

17. THE HISTORICAL BACKGROUND OF CONTEMPORARY EUROPE.
Second, Third and Fourth years. *Professor Fieldhouse*
Not given in 1951-52.

18. HISTORY OF DIPLOMACY, WITH SPECIAL REFERENCE TO BRITISH FOREIGN POLICY SINCE 1815.
Second, Third and Fourth years. *Professor Fieldhouse*

19. GENERAL HISTORY OF THE SLAVONIC PEOPLES (WITH SPECIAL EMPHASIS ON RUSSIA). *Professor Mladenovic*

20. THE SLAVS AND THE HABSBURG MONARCHY. *Professor Mladenovic*

For additional courses in History, see the Announcement of the Faculty of Arts and Science.

PSYCHOLOGY

21. INTRODUCTION TO PSYCHOLOGY. Second year. (Full course)
3 hours *Professor Hebb*
Prerequisite to all further courses in Psychology.

34a. THE DYNAMICS OF BEHAVIOUR AND ADJUSTMENT. Third or Fourth Years. (Half course)
First term: 3 hours *Professor Bindra*

36b. HUMAN RELATIONS IN BUSINESS AND INDUSTRY. Third and Fourth Years. (Half course). Topics include labor-management relations; morale, motivation, and leadership; market research.
Second term: 3 hours *Professor Webster*
Prerequisite: Psychology 34a.

51a. THEORY, TECHNIQUES, AND INTERPRETATION OF MENTAL MEASUREMENTS.
Fourth year. (Half course)
First term: 3 hours *Professor Wrigley*
Prerequisite: One course in general statistics such as Psychology 22, Economics 361, or Mathematics 38.

54b. PERSONNEL AND INDUSTRIAL PSYCHOLOGY. Fourth Year. (Half course)
Second term: 3 hours lecture; 2 hours practice work. *Professor Webster*
Prerequisite: Psychology 51a.

Students who are planning to prepare for Industrial Relations or personnel work are advised to take courses 21, 34a, 36b, 51a and 54b. Those who wish a less intensive course are advised to take courses 21, 34a and 36b.

SOCIOLOGY AND ANTHROPOLOGY

21. INTRODUCTION TO THE STUDY OF SOCIETY. (Full course)
3 hours *Professors Dawson, Westley, and Ross*
Text: Dawson and Gettys, An Introduction to Sociology (Ronald).
Sociology 21 (or its equivalent) is a prerequisite for all other courses in Sociology and Anthropology.

31a. PRIMITIVE SOCIETY. (Half course). The comparative study of social organization among non-literate groups. The course will deal principally with the analysis of social systems as these appear in cultures at various levels of complexity.
First term: 3 hours *Professor Voget*
Prerequisite: Sociology 21, 22, or permission of instructor.

31b. COMPLEX SOCIAL STRUCTURES. (Half course). Analysis of organized groups in a complex social structure; classification of institutions; theory of institutional statuses and roles; individual career lines; case study of the professions.
Second term: 3 hours *Professor Hall*
Prerequisite: Sociology 31a, or permission of instructor.

41. HUMAN ECOLOGY AND COMMUNITY PLANNING. (Full course). Study of distributions of population in time and space; organization and functions of cities; relations between town and regional planning and social organization.
3 hours *Professor Dawson*

46. SOCIOLOGY OF INDUSTRIAL INSTITUTIONS. (Full course). Formal and informal organization in the work world; role of cliques and similar types of association; race relations and ethnic participation in industry.
3 hours *Professor Hall*
Prerequisite: Sociology 31a and 31b, or permission of instructor.
Students interested in Industrial Relations should consult the Director regarding electives in Sociology.

McGill University

School of Commerce Evening Courses

GENERAL

The School of Commerce offers an evening course programme in Accounting and allied subjects to meet the needs of those interested in such training. The programme is likewise designed to provide the curricular requirements for Commerce graduates proceeding to the Licentiate in Accountancy, for Students of the Institute of Chartered Accountants of the Province of Quebec proceeding to the C.A. diploma, and for students proceeding to the diploma of the Society of Industrial and Cost Accountants.

Students registered for the Licentiate in Accountancy or with one of the societies should plan their courses in accordance with the requirements of the diploma for which they are working. They should also ensure that they will not have more than six class hours in a week.

Examinations are held at the end of each course and the University grants a certificate to all candidates who pass the examinations.

ADMISSION - Accounting and Auditing Courses

Students without training or experience in accounting and auditing will be required to register for Elements of Accounting and to pass the examination in that and each successive course of the first three years before proceeding to more advanced accounting and auditing courses.

Students with previous training or experience in accounting and auditing may be permitted to register at an advanced level in accordance with the decision of the Department of Accounting. Subsequent advancement will require passing the regular course examinations.

ATTENDANCE

School of Commerce evening courses are held in the Arts Building.

Students who are absent for more than one eighth of the lectures and do not present a proper written excuse, such as a medical certificate or a letter from their firm showing that their duties prevented attendance, will not be allowed to sit for the course examinations.

LICENTIATE IN ACCOUNTANCY OF McGILL UNIVERSITY

The diploma of Licentiate in Accountancy of McGill University confers on its holder the right to become a member of the Institute of Chartered Accountants of Quebec, without further examinations, after attaining the age of twenty-one years and making payment of the usual fees and contributions.

Examinations leading to the diploma of Licentiate in Accountancy will be held annually about the beginning of November. The examinations consist of six papers in Accounting and Auditing.

The examinations leading to the diploma of Licentiate in Accountancy may be taken by a Bachelor of Commerce of McGill University who has—

(a) Passed the following courses as part of his undergraduate work:

Five full courses in Accounting (including Elementary Auditing)

Business and Industrial Organization and Management (or approved equivalent)

Commercial Law

Elements of Economics (Economics 211)

Analytic Geometry and Curve Fitting (Mathematics 23a)

Theory of Interest (Mathematics 23b)

(b) Completed and returned in duplicate to the Secretary, School of Commerce, the official registration form obtainable at the school.

(c) Served for a term of at least one year in the office of a practising chartered accountant, if possible. If the student claims that this is not possible, he will be required to show inability to obtain such employment in the winter season, when employment should normally be obtainable. In such circumstances the Licentiate Board may consider the possibility of recognising such other employment in accounting as may seem an acceptable substitute.

(d) Attended the evening courses in Final Accounting and Auditing—Parts I and II—and passed the course examinations held at the close of each course.

(e) Made written application to the Secretary of the School of Commerce to sit for the examinations, and paid the necessary fee.

DIPLOMA OF THE INSTITUTE OF CHARTERED ACCOUNTANTS OF QUEBEC

The Institute of Chartered Accountants of Quebec conducts its own qualifying examinations but requires that candidates must have previously passed the University examinations for the courses, as set out on pages 1237-1242. As a prerequisite to recognition of these evening courses for admission to its own examinations the Institute requires the student to hold a High School standing sufficient for admission to the University's day courses. This certificate must be shown to the University Registrar before enrolment for the courses.

Details of apprenticeship and other matters concerning the Institute may be obtained from:

Mrs. Ethel Dixon,
Assistant Secretary,
Institute of Chartered Accountants of Quebec,
430 Canada Cement Building,
Montreal.

The normal plan of studies for one who attempts to obtain a diploma requires five years, paralleling the five years of apprenticeship in the office of a practising chartered accountant, and is usually arranged as follows:

First Year: Elements of Accounting.
Mathematics.
*Economics

Second Year: Intermediate Accounting, Part I.
Commercial Law.
*Duties of Secretaries of Joint Stock Companies.

Third Year: Intermediate Accounting, Part II.
Intermediate Auditing.

Fourth Year: Final Accounting and Auditing, Part I.

Fifth Year: Final Accounting and Auditing, Part II.

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*These subjects may be taken, at the student's option, by correspondence course with the Institute of Chartered Accountants of Quebec, during the summer months only, i.e., after the University courses have concluded.

Note: The courses in Intermediate Accounting, (Part II) and Intermediate Auditing replace the former Intermediate Accounting and Auditing, Part II. All students without credit for the latter course will be required to attend the two full courses of twenty-five lectures each in Intermediate Accounting and Intermediate Auditing in their Third Year. Students who, having attended the former course in Intermediate Accounting and Auditing, Part II, have not yet obtained credit either in this examination or in the separate Intermediate Accounting, Part II, and Intermediate Auditing examinations, must re-attend the appropriate courses before again sitting the examinations.

SUPPLEMENTAL EXAMINATIONS

Supplemental examinations in Accounting and Auditing only will be held in September for students who fail in any of the examinations of the first three years.

The fees for re-examination or examination outside Montreal are to be found on page 1243.

All applications for re-examination or examination outside of Montreal must be made to the Director of the School of Commerce before March 25th, accompanied by the required fee, and must include a statement as to the period in which the classes were taken.

The Institute of Chartered Accountants of Quebec has two sets of qualifying examinations: Intermediate Accounting and Auditing, and Final Accounting and Auditing. Both sets of examinations are held annually, about the beginning of November. These examinations are conducted by the Institute under its own regulations. Applications to sit for these examinations must be made to the Secretary of the Institute, with proof that the necessary requirements have been met.

The Intermediate Accounting and Auditing examinations consist of four papers and are normally taken after three years of evening study. Before sitting for these examinations, the candidate must have passed the following course examinations:—

Elements of Accounting
Intermediate Accounting and Auditing Parts I and II
Intermediate and Final Mathematics
Commercial Law
Economics
Duties of Secretaries of Joint Stock Companies

In practice the Institute allows students who have written and failed in *one* only of the non-accounting courses to carry that course forward as a supplemental until after he has written his Intermediate C.A.

examination for the first time. If he fails in that examination he is not then allowed to sit again until he has passed the supplemental examination in the course carried forward.

The Final Accounting and Auditing examinations consist of six papers and are taken only after all of the course examinations have been passed. Thus the additional courses are:

Final Accounting and Auditing (Parts I and II).

DIPLOMA OF THE SOCIETY OF INDUSTRIAL AND COST ACCOUNTANTS

The Society of Industrial and Cost Accountants has three sets of qualifying examination for its diploma, Registered Industrial Accountant (R.I.A.).

Primary Examination

(a) Accounting 1.
(b) Business Mathematics.

Intermediate Examination

(a) Accounting 2.
(b) Fundamentals of Cost Accounting.

Final Examination

(a) Industrial Organization and Management.
(b) Industrial Legislation.
(c) Advanced Cost Accounting.
(d) Cost Accounting Thesis.

The courses in Elements of Accounting and Intermediate Accounting and Auditing, Parts I and II (pages 1237 and 1238), cover the ground necessary for the Accounting I and II examinations. Special courses in Fundamentals of Cost Accounting, Industrial Management, and Advanced Cost Accounting (pages 1240 and 1241), have been arranged by the University in co-operation with the Society.

Particulars may be obtained from Professor D. R. Patton, Chairman of the Co-ordinating Educational Committee of the Society.

OTHER ASSOCIATIONS

The course "Duties of Secretaries of Joint Stock Companies" has been arranged in co-operation with the Chartered Institute of Secretaries. Honorary Secretary, P. T. R. Pugsley, 1108 University Tower Bldg., 660 St Catherine St. West, Montreal. Telephone: PL-8937.

The General Accountants Association provides for two sets of examinations, (a) Intermediate and (b) Final, leading to its diploma. Secretary, John Rhodes, 4816 Dornal Ave., Montreal. Telephone: EX-1919.

Full information concerning these organizations and their educational programmes may be obtained from their respective Secretaries.

EVENING COURSES OF INSTRUCTION

ELEMENTS OF ACCOUNTING

Twenty-five lectures of two hours each. Monday 6-8 p.m., Monday 7-9 p.m., Tuesday 6-8 p.m., commencing October 1st.

Mid term tests: see Examination Regulations, page 1244.

A pass in this course is a prerequisite for Intermediate Accounting (Part I).

Introduction to Books of Account and Financial Statements; theory of debit and credit; principles of double entry; books of original entry, general journal, sales and purchase books, cash books, voucher register; controlling accounts; general ledger; accounts receivable and accounts payable ledgers; discounts, interest, prepaid and accrued charges; notes and bills of exchange; business documents; depreciation; reserves for bad debts and discounts; consignments; capital and revenue expenditure; bank reconciliations; single entry; preparation of Trading and Profit and Loss Statements and Balance Sheets; single proprietorship.

INTERMEDIATE ACCOUNTING (PART I)

Twenty-five lectures of two hours each, given on Tuesday, 6-8 p.m., Wednesday, 6-8 p.m., commencing October 2nd. Students will be required to submit home-work for correction and return.

Mid term tests: see Examination Regulations, page 1244.

Principles of operating statements and balance sheets; partnerships—formation, special problems, dissolution, sale to a corporation; goodwill; incorporated companies—organization, share capital, bonds, annual meetings, statements, auditors; manufacturing; exceptional losses; departmentalization; distribution of expenses and income; depreciation; comparison of operating statements; working papers.

INTERMEDIATE ACCOUNTING (Part II) AND INTERMEDIATE AUDITING

Twenty-five lectures of two hours each in Accounting given on Wednesday, 6-8 p.m., and Thursday, 6-8 p.m., and twenty-five lectures of two hours each in Auditing given on Monday, 7-9 p.m., and Tuesday, 6-8 p.m., commencing October 1st. Students will be required to submit home-work for correction and return.

Mid term tests: see Examination Regulations, page 1244.

Accounting

Balance sheet valuations, current and fixed assets and liabilities, wasting assets, bonds and debentures, reserves. Capital stock, classification of shares, no par value regulations, forfeited stock, treasury stock, earned, capital, and distributable surplus, capital and revenue profits and losses, uncompleted contracts, dividends. Critical analysis of the balance sheets, comparative balance sheets and operating statements. Reconstruction and reorganization of companies; mergers and amalgamations; holding company and subsidiaries; minority interests. Consolidated statements.

Auditing

Need and purpose of audits. Fraud and error in accounts. Types and characteristics of audits. Rights, duties, and responsibilities of auditors. Audit of operations, verification of assets and liabilities. Working papers. Investigations.

Passes from the examinations of Parts I and II of the Intermediate Accounting and the Intermediate Auditing course are pre-requisites to sitting for the Intermediate Examination in Accounting and Auditing of the Institute of Chartered Accountants of Quebec.

FINAL ACCOUNTING AND AUDITING Part I

Part I should be passed before the student takes Part II.

Fifty lectures of two hours each given (i) Mondays and Thursdays, (ii) Wednesdays and Fridays, from 6 to 8 p.m., beginning October 1st. Students will be required to answer test papers and submit solutions for correction and return.

Mid term tests: see Examination Regulations, page 1244.

Part IA.—Branch accounts; executorship and trustee accounts; bankruptcy and liquidation accounts; auditing—powers, duties, responsibilities of auditors, legal provisions, internal check, audit programmes and procedures, auditors' reports, audit working papers.

Part IB.—Holding companies and subsidiaries; reorganizations, mergers and amalgamations; cost accounting—procedure, elements of cost—accounting for and control of materials, labour, and manufacturing expense; process and job cost systems; estimating cost systems, standard costs, variances, cost ratios. Budgetary control; static and flexible budgets.

FINAL ACCOUNTING AND AUDITING (Part II)

Fifty lectures of two hours each to each of two class divisions on (i) Mondays and Thursdays, (ii) Wednesdays and Fridays, from 6 to 8 p.m., beginning October 1st.

Students will be required to answer test papers and submit solutions for correction and return.

Mid term tests: see Examination Regulations, page 1244.

Part IIA.— Thursdays and Fridays. Advanced accounting and auditing problems, including special reference to insurance companies, municipalities, stockbrokers, banks, and investment trusts.

Part IIB.— Mondays and Wednesdays. Criticism of operating statements and balance sheets; reports and report writing; investigations; systems and considerations in the accounting and audit of special industries (additional to those covered under Part IIA); taxes and licenses; income and profits taxes.

MATHEMATICS

Thirty lectures of 1 hour each on Elementary Algebra and thirty lectures of 1 hour each on the Mathematics of Finance, given on Tuesdays from 6 to 8 p.m., commencing October 2nd.

Elementary Algebra: Review of fundamentals, logarithms, arithmetic and geometric progressions, graphical representation of simple business statistics.

Mathematics of Finance: Percentages, simple and compound interest, averaging accounts, annuities certain, sinking funds, perpetuities and capitalization, bonds, amortization tables, instalment purchases, depreciation.

Lecturer *Professor Tate*

Text Book: Mathematics of Business and Finance, by Dyess and Gilmore.

COMMERCIAL LAW

Twenty-five lectures of two hours each. On Thursdays from 7-9 p.m., beginning October 4th.

Law of contracts, sale, agency, partnership, company law, negotiable instruments, and bankruptcy.

Lecturer. *Professor Vineberg*

ECONOMICS

Course of 20 lectures, of one hour each, on Elementary Economics. On Fridays, from 6 to 7 p.m., beginning October 5th.

Lecturer. *Professor Culliton*

FUNDAMENTALS OF COST ACCOUNTING

Thirty lectures of one hour each given on Mondays from 8-9 p.m., commencing October 1st.

A knowledge of the fundamentals of Cost Accounting; the essential records and the methods of arriving at cost, including the following—Purposes of cost accounting; elements of cost; process cost systems; job cost systems; controlling accounts and the cost records; accounting for materials; material storage and consumption; perpetual inventories and stores control; valuation of materials; accounting for labor cost; wage systems; accounting for manufacturing expense; distribution of manufacturing expense to production; the cost to make and sell; sundry forms; monthly closing entries; preparations of operating and financial statements; cost reports.

Mr. Van Harris

ADVANCED COST ACCOUNTING

Thirty lectures of one hour each, given on Mondays, from 6.30 to 7.30 p.m., commencing October 1st.

This course is designed for those having a fundamental knowledge of Cost Accounting principles and procedure. It covers advanced instructions in costing problems, records, and practices, and cost accounting in relation to inventories, budgetary control, and other devices of the various departments of a business, including the following—estimating cost systems; principles of standard costs; standard cost procedure; variances; cost ratios; budgetary control; static and variable budgets; differential cost analysis; special considerations and debatable methods; distribution and marketing costs; cost reports; graphic charts; machine accounting; current cost developments; actual working out of a job cost practice set.

Mr. Van Harris

INDUSTRIAL MANAGEMENT

Twenty-five lectures of one and one-half hours each on Mondays from 8.00 to 9.30 p.m., commencing October 1st. (Offered in the Department of University Extension.)

This course is designed to provide an over-all picture of the techniques involved in the management of an industrial establishment. It covers legal and internal forms of organization; location, construction, and layout of plant; selection, installation, and maintenance of machinery, equipment, and factory services; purchasing and storekeeping; motion study and work simplification; safety and health; selection and training of employees; leadership and morale; job evaluation, merit rating, and

employee compensation; develpoment and engineering; maintenance; estimating; scheduling; production control methods; inspection; industrial and public relations; sources and use of outside help, guidance, and advice.

Mr. Putnam

LABOUR AND INDUSTRIAL LEGISLATION

Twenty lectures of two hours each on Wednesdays from 8.00 to 10.00 p.m., commencing October 10th. (Offered in the Department of University Extension.)

Syllabus: Civil Law: General provisions of the civil law concerning legal relationship between employers and employees. Contractual Relationship: Individual contracts between employers and employee; collective labour agreements not governed by any laws. Contractual Relationship and Government Regulations: Collective labour agreements governed by the Professional Syndicates Act; agreements governed by the Labour Relations Act; agreements juridically extended by the Labour Agreement Act; individual contracts governed by the Minimum Wage Act; the Quebec Trade Disputes Act, the Public Services Employees Disputes Act and the Act respecting municipal and sshool corporations and their employees; Labour unions and employers' associations,—their certification, negotiation, conciliation, arbitration; the Provincial and Federal laws governing strikes and lock-outs. Ancillary Laws: Review of the so-called social laws as e.g., Workmen's Compensation Act. Each lecture will be followed by a practical application of the theory presented. *Text: Code of Labour and Industrial Laws*, 1951 edition (G. Francq).

Mr. Lapointe

DUTIES OF SECRETARIES OF JOINT STOCK COMPANIES

Twenty lectures of one and one-half hours each, on Mondays and Thursdays at 6.30 p.m., commencing on Monday, October 1st.

The procedure and administration of Companies registered under the Companies Acts, from their promotion to their dissolution, with special attention to the work of the secretary and the practice involved, also the routine work of a secretary's office. Business management and office organization; division of responsibility; general systems of control and internal check; responsibilities and duties of the officers of a company, income tax. Detailed study of: notices of meetings; the constitution of a meeting, quorum, chairman; the powers and duties of a chairman; the general conduct of a meeting (discussion and order in debate); the agenda paper, adjournments and postponements: motions and resolutions; amendments, previous questions and closure; voting and proxies; minutes. A study of: fair comment and privilege in speeches, the preservation of order at public meetings, expulsion from meetings, admission of the press

to meetings, newspaper reports of meetings. A detailed study of the law, conduct and procedure at company meetings; meetings of directors; notice quorum, privilege in speeches, minutes, committees; meetings of shareholders, kinds of meetings, notices, chairman, proceedings at general meetings, resolutions, and amendments, voting, proxies, adjournments, minutes, privilege in speeches.

Mr. Westbury

CERTIFICATES

A. Certificates in each course will be issued by McGill University to candidates who pass the examinations.

B. No certificate will be issued to candidates who pass only Section A or Section B of Final Accounting and Auditing, Parts I and II. Marks in the section passed will be retained and will be considered with the marks obtained subsequently in the remaining section, when the regulations governing examinations in this part shall apply.

FEES FOR THE EVENING COURSES

Students register and pay fees in Dawson Hall (Administration Building) from Monday, September 24th, through Friday, October 26th, between 9 a.m. and 4 p.m. and on Tuesdays and Thursdays within that period from 5:30 to 8:00 p.m.

For further information telephone MA-9181, Local 304.

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

Elements of Accounting	35.00
Accounting (Intermediate) Part I	40.00
Accounting (Intermediate) Part II	40.00
Auditing (Intermediate)	40.00
Accounting (Final) Part I	60.00
Accounting (Final) Part II	60.00
Commercial Law	40.00
Mathematics	40.00
Mathematics (Final) 1950-51 only	30.00
Economics	20.00
Fundamentals of Cost Accounting	25.00
Advanced Cost Accounting	25.00
Industrial Management	28.00
Labour and Industrial Legislation	30.00
Duties of Secretaries of Joint Stock Companies	25.00

The above fees include a charge for multilithed materials supplied to the students. No additional charge will be made.

FEES FOR RE-EXAMINATION

A fee of $10 per paper will be charged for re-examination in any course.

FEES FOR LICENTIATE EXAMINATION

Final Accounting and Auditing	$35.00
Supplemental in four papers	25.00
Supplemental in two papers	15.00

EVALUATION AND REGISTRATION OF CERTIFICATES

Evaluation and registration of certificate exempting from the whole or part of the McGill Junior Matriculation Certificate	$ 2.00

EXAMINATION REGULATIONS

ALL COURSES EXCEPT INTERMEDIATE AND FINAL ACCOUNTING

The pass mark will be 60%.

A supplemental examination will be permitted if the candidate has obtained 40% or over.

Candidates obtaining less than 40% or failing to pass one of the next two succeeding supplemental examinations will be required to repeat the course.

MID TERM TESTS

In Elements of Accounting, Intermediate Accounting, Parts I and II, Intermediate Auditing, and Final Accounting and Auditing, Parts I and II. Two tests will be given during the year, after approximately the eighth and sixteenth lectures. Each test will count for a possible 12% towards the marks for the whole academic year. The examination at the end of the academic year will thus count for a possible 76%. If the student fails and re-writes his examinations without further attendance at classes his re-examination marks will count for a possible 100%, his mid-term test marks being no longer applicable.

INTERMEDIATE ACCOUNTING—Part I

The pass mark will be 60%.

A supplemental examination will be permitted if the candidate has obtained 40% or over.

Candidates obtaining less than 40% or failing to pass one of the next two succeeding supplemental examinations will be required to repeat the course.

INTERMEDIATE ACCOUNTING—Part II AND INTERMEDIATE AUDITING.

There will be one examination paper in Accounting and one in Auditing.

The pass mark will be a total of 120 marks out of 200 marks, with a minimum of 50 marks in either paper.

A supplemental examination in one paper only will be permitted if the candidate obtains a total of 120 marks but less than 50 marks in one paper.

A supplemental examination in one paper only will be permitted if the candidate obtains less than a total of 120 marks but 60 or more marks in one paper only.

Candidates obtaining less than 120 marks with less than 60 marks in each paper will be required to re-write both papers.

Candidates who fail in two supplemental examinations in one paper will be required to write both papers.

Candidates failing two supplemental examinations of two papers will be required to repeat the course.

Candidates failing to obtain more than 80 marks in both papers in any examination will be required to repeat the course.

FINAL ACCOUNTING AND AUDITING, Part I—Sections A & B and Part II—Sections A & B

The examinations in Final Accounting and Auditing, Parts I and II, consist of two examinations at the end of each part—one in Section A and one in Section B.

The pass marks will be an average pass mark of 60% in each set of two papers of one part, with a minimum of 50% in either paper.

The regulations for supplemental examinations will be the same as outlined for Intermediate Accounting Part II and Intermediate Auditing, above, except that a candidate who obtains less than 40% in any original or supplemental examination will be required to repeat the course for the section concerned.

McGill University

Montreal

Faculty of Engineering

1951-1952

McGill University



Montreal

Faculty of Engineering

1951-1952

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

INDEX

	Page
Administrative Officers	1405
Admission	1408
Advanced Standing	1412
Applied Mechanics	1428
Architecture:	
Course in	1422
Subjects of	1446
Attendance	1413
Botany	1465
Bursaries	1415
Certificates Recognized	1411
Chemical Engineering:	
Course in	1425
Subjects of	1451
Chemistry	1453
Civil Engineering:	
Course in	1427
Subjects of	1457
Classics	1466
Classification of Marks	1418
Committees	1406
Courses of Instruction	1419
Curriculum	1419
Degrees	1408
Designation of Years	1408
Discipline	1414
Economics	1464
Elective Courses	1420
Electrical Engineering:	
Course in	1430
Subjects of	1470
Engineering Courses	1420
Engineering Law	1464
Engineering Physics	1439
Engineering Practice	1474
Engineering Societies	1418
English	1466
Entrance Requirements	1409

	Page
Essays	1442
Examinations	1417
Fees	1415
Field Schools	1441
First Year	1420
Geography	1467
Geological Sciences	1475
German	1467
Health Service	1415
History	1467
Junior Matriculation	1410
Loan Funds	1415
Mathematics	1477
Mechanical Engineering:	
Course in	1433
Subjects of	1480
Medical Examination	1415
Metallurgical Engineering:	
Course in	1434
Subjects of	1487
Mining Engineering:	
Course in	1437
Subjects of	1490
Music	1467
Physics	1493
Registration	1413
Romance Languages	1468
Scholarships	1415
Senior Matriculation	1410
Standing and Promotion	1499
Summer Essays	1442
Summer Schools	1441
Years, Designation of	1408
Zoology	1469

McGill University

FACULTY OF ENGINEERING

ADMINISTRATIVE OFFICERS

F. Cyril James, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D.C.L. (Bishop's), LL.D. (Queen's Toronto, London, New York, etc.), D. de l'U. (Montréal), F.R.S.C., Chevalier de la Légion d'Honneur
Principal

John J. O'Neill, Ph.D. (Yale), M.Sc., F.G.S.A., F.R.S.C.
Vice-Principal of the University and Dean of the Faculty of Engineering

John Bland, B.Arch., A.R.I.B.A. (Lond.), M.R.A.I.C.
Director of the School of Architecture

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A. *Bursar*

T. H. Matthews, M.A. (Oxon.) *Registrar*

Richard Pennington, B.A. (Birmingham), Lib.Dip. (Lond.)
University Librarian

E. Clifford Knowles, M.A., B.D. (Tor.)
University Chaplain and Student Counsellor

R. G. Defries, Ing. E.T.P. (Paris) *Superintendent of Buildings and Grounds*

G. A. Grimson, B.Com. *Chief Accountant*

R. E. Jamieson, O.B.E., M.Sc. *Secretary of the Faculty*

A complete list of the teaching staff of the University, including the Faculty of Engineering, is printed as a separate announcement which may be obtained from the Registrar's Office.

STANDING COMMITTEES OF THE FACULTY

ADMISSIONS

Professor Chipman (*Chairman*), the Registrar, and Professor Solin

ADMISSION TO ADVANCED STANDING FROM OTHER UNIVERSITIES

Professors G. A. Wallace (*Chairman*), Bland, and Phillips

ADVISORY COMMITTEE ON THE SCHOOL OF ARCHITECTURE

Professor John Bland (*Chairman*), Messrs. E. I. Barott,
H. L. Fetherstonhaugh, J. C. McDougall,
R. A. Montgomery, and J. J. Perrault

CURRICULUM

Dean O'Neill (*Chairman*), Professors Bland, Jamieson, MacEwan,
Morrison, Phillips, Robb, and G. A. Wallace

EMPLOYMENT

Professor Morrison (*Chairman*) and Mr. Pavlasek

ENGINEERING PHYSICS

Professors G. A. Wallace (*Chairman*), Christie, Shaw, Tate,
P. R. Wallace, and Watson

INVIGILATION

Professors O'Shaughnessy (*Chief Invigilator*) and Schippel

LIBRARY

Professors Stafford (*Chairman*), de Stein, and Howes

REGISTRATION, STANDING, AND PROMOTION

Professors Bruce (*Chairman*), Bland, de Stein, Gauvin, Hatcher,
MacEwan, Morrison, Neilson, Phillips, Rosenthall,
and G. A. Wallace

RESEARCH

Professors Craig (*Chairman*), Chipman, de Stein, Fox, Gauvin, Mordell, Morrison, Ogilvie, Phillips, Robb, Shaw, Stafford, Winkler, and Woonton

SCHOLARSHIPS, BURSARIES, AND LOANS

Professors MacEwan (*Chairman*), Bland, de Stein, Marshall, Morrison, Phillips, Robb, Rosenthall, and G. A. Wallace

SUMMER ESSAY PRIZES—SECOND YEAR

Professors Mordell (*Chairman*), Gauvin, Mennie, and Schippel

SUMMER ESSAY PRIZES—THIRD AND FOURTH YEARS

Professors Christie (*Chairman*), Neilson, Ogilvie, Phillips, and Robb

TIME TABLE

Professors Lane, (*Chairman*), Bland, and Mr. Joly

Faculty of Engineering

The purpose of the courses of instruction offered by the Faculty of Engineering is to provide training in science and its application to the practice of engineering in its various fields. The School of Architecture is a part of the Faculty of Engineering.

Commencing with the session 1949-50 the training in engineering was changed from one pre-engineering year in the Faculty of Arts and Science and four years in the Faculty of Engineering to five years in the Faculty of Engineering. During the transition period the various years of study in the Faculty of Engineering will be identified as follows.

Designation of Years for students who *were* registered in Engineering prior to August, 1949.	Designation of Years for students who *were not* registered in Engineering prior to August, 1949.
[B.Sc. 1 (pre-Engineering)]	First Year
First Year 1A	Second Year
Second Year 2A	Third Year 3M
Third Year 3A	Fourth Year 4M
Fourth Year 4A	Fifth Year 5M

For the School of Architecture the above will apply with the additions of the final years as fifth year 5A and sixth year 6M respectively.

Degrees offered: (1) Bachelor of Engineering (B.Eng.), in the departments of Chemical, Civil, Electrical, Mechanical, Metallurgical, and Mining Engineering, and in Engineering Physics. (2) Bachelor of Architecture (B.Arch.). (See *School of Architecture*, below.)

Period of Study: Five years.

Entrance Qualifications: First year, Junior Matriculation; Second year, Junior and Senior Matriculation with sufficiently high standing. (See pages 1409 to 1412.) The entrance requirements for students of United States schools and for students from Great Britain are stated on pages 1411 to 1412. Students who meet the above requirements apply to the Registrar's Office for admission.

SCHOOL OF ARCHITECTURE (IN THE FACULTY OF ENGINEERING)

Degree offered: Bachelor of Architecture (B.Arch.).

Period of Study: Six years.

The entrance requirements in Architecture are the same as those for the Engineering courses (see above). The length of the course is six years, the first and second years being identical with the first and second years in the Faculty of Engineering.

GENERAL

The undergraduate work of the University in Architecture and in the following fields of Engineering: Chemical, Civil, Electrical, Mechanical, Metallurgical, Mining and Engineering Physics, is done in the Faculty of Engineering.

AGE OF ADMISSION

Except in special circumstances, no student under the age of sixteen is admitted to the first year, or under the age of seventeen to the second year.

THE TWO TERMS

The regular session is divided into two terms, the first starting about the 1st of October and the second starting about the 12th of January (For Calendar, see the General Information Pamphlet). For students entering the first year however, the first term begins a week earlier. Students commencing a year in the Faculty are normally permitted to enter only in the first term.

ENTRANCE REQUIREMENTS

Eligibility to enter the University through Junior or Senior Matriculation is determined fundamentally by reference to the standards maintained by the McGill School Certificate Examinations. These examinations are described in the School Certificate Examinations Announcement, but the names of the required papers are given below. The pass mark is in all cases 50%. Certain other public examinations also recognized for admission to the University are listed on pages 1411 and 1412. A student with incomplete qualifications cannot be admitted as a regular undergraduate.

ENTRANCE THROUGH McGILL SCHOOL CERTIFICATE EXAMINATIONS—

ENTRANCE TO THE FIRST YEAR —Junior Matriculation

For admission to the first year of the B.Eng. courses a candidate must pass the following papers in the University's Junior School Certificate Examination and obtain at least 60% in every paper written in Mathematics, Physics and Chemistry or in subjects taken in lieu of the latter two.

No. of Papers	Subject
2	English
1	History (General *or* British)
2	French *or* German (both papers)
1	Elementary Algebra
1	Elementary Geometry
1	One of the following: Biology; Botany; Chemistry; Physics
2	*Either* Latin *or* Spanish *or* French *or* German (if not already chosen), *or* any two of the following papers not already chosen. (a) Intermediate Algebra (b) Trigonometry (c) Biology *or* Botany (Biology and Botany may not both be chosen) (d) Chemistry (e) Geography (f) Physics (g) Canadian History (h) Music *or* Drawing (Music and Drawing may not both be chosen)

ENTRANCE TO THE SECOND YEAR —Senior Matriculation

English

Mathematics (Algebra, Trigonometry, *and* Co-ordinate Geometry)

Physics

Chemistry

French *or* German* *or* Spanish *or* Greek *or* Latin *or* Biology *or* Geography *or* History.

*A candidate who has passed the two papers in Junior School Certificate French may obtain Engineering Senior Matriculation standing in German by passing the Junior School Certificate examinations in this subject.

EXAMINATIONS RECOGNIZED FOR ADMISSION TO THE UNIVERSITY

McGill University recognizes a number of public examinations as conferring, under certain circumstances, Junior or Senior Matriculation standing for admission to the Faculty of Engineering and to other faculties and schools.

The Admissions Committees of the various faculties require generally that:

(1) The certificate has been obtained under no easier conditions that those of McGill Matriculation.

(2) The subjects of the examination and the school course followed are those the University requires.

(3) The school records and confidential reports are satisfactory.

Candidates who wish to enter by certificate should in no circumstances come to the University without first having obtained an official acceptance of their application.

The following gives a brief outline of the certificates and examinations which will be considered on their merits towards meeting the University entrance requirements. For complete details see the School Certificate Examinations Announcement.

I. For admission to the first year of the B.Eng. and B.Arch. courses.

CANADA

The recognized Junior Matriculation or equivalent examinations of the various provinces.

GREAT BRITAIN

In the new General Certificate of Education, passes in six subjects, including two at Advanced level, will be the normal standard for admission. One of these two subjects must be Mathematics or Physics.

UNITED STATES

The tests of the College Entrance Examination Board.

All candidates from the United States are advised to write these tests, preferably at the January or the March session. The Scholastic Aptitude tests and three Achievement tests, the latter chosen in consultation with the applicant's school principal, should be taken. Further particulars may be obtained from the Registrar's Office.

MISCELLANEOUS

Other certificates such as those issued by universities or public examining boards will be judged on their merits and accepted if they meet all the University requirements.

II. For admission to the second year of the B.Eng. and B.Arch. courses.

Students from B.Sc.1 who have completed the required courses of first year Engineering will be considered for admission to second year Engineering. Applications for admission are to be made to the Dean of the Faculty of Engineering.

CANADA

The recognized Junior and Senior Matriculation or equivalent examinations of the various provinces.

GREAT BRITAIN

In the new General Certificate of Education, passes in six subjects, including three appropriate subjects at Advanced level.

UNITED STATES

Completion of one year in an approved college with a suitable syllabus and good grades.

APPLICATION FOR ADMISSION

Students are normally permitted to enter at the beginning of the first term only.

Students desiring to enter the Faculty of Engineering must make application on forms which may be obtained from the Registrar's Office. Completed forms must reach the Registrar before August 31st.

It is advantageous for candidates to make preliminary application on the proper forms as early in the year as possible, supplementing this later with the required certificates, transcripts, etc., as these become available.

Applicants should note that clear photo-copies of original documents are acceptable if submitted in duplicate. Sending such copies avoids the risk of losing the originals in the mail.

Students whose native language is not English must satisfy the Registrar that their command of written and spoken English is fluent.

The number of students admitted is limited, and the Faculty is not bound to accept all applicants who have passed the required examinations.

ADMISSION TO ADVANCED STANDING

Students of other colleges or universities who desire to enter any year in this Faculty other than the first or second, should apply in writing to the Dean of the Faculty not later than July 31st preceding the session it is desired to enter. Such application should state the course the student wishes to enter, and must be supported by an official transcript of the applicant's record at the institution he is leaving, which transcript

should be sent directly from the registrar of such institution to the Dean of this Faculty.

To obtain a Bachelor's degree a student must spend at least two years in the Faculty of Engineering.

Graduates of other faculties of McGill University desiring to proceed to the degree of B.Arch., or B.Eng. should consult the Dean of this Faculty for information regarding the regulations governing such procedure.

REGISTRATION, ATTENDANCE, AND DISCIPLINE

REGISTRATION

All students entering the First Year of the Faculty of Engineering must register in the Macdonald Engineering Building on Friday, September 21st, 1951.

All students entering upper years of the Faculty of Engineering must register in the Macdonald Engineering Building on Thursday, September 27th, 1951

Students registering after September 27th, but not later than October 4th are required to pay a late registration fee of $5, which fee is increased to $10 for students registering after October 4th. This fee is not refunded except by authorization of Faculty. After October 13th, no student will be admitted except by special permission of Faculty.

ATTENDANCE—FIRST YEAR

1. Students of the first year are required to attend at least seven-eighths of the total number of lectures or laboratory periods in each course. Those whose unexcused absences exceed one-eighth of the total number of lectures in a course are not permitted to sit for the regular examination in that course, and those whose unexcused absences have exceeded one-fourth must repeat the work in that course.

No student in any year will be permitted to sit for the examinations unless he has fulfilled the requirements of the course to the satisfaction of the Instructor and of the Dean.

Excuses for absences in excess of one-eighth are dealt with only by the Dean and are not entertained except in cases of serious illness (which must be vouched for by a proper medical certificate), domestic affliction, and such other cases as are provided for by special regulations of the Faculty. Medical certificates covering absences must be presented at the Dean's office by the student immediately after his return to University work. Such certificates are filed, and, if they are accepted, the Dean gives the student a statement excusing the absences covered; this must be shown to all professors concerned as promptly as possible.

2. Credit for attendance at any lecture or class may be refused on the grounds of lateness, inattention, neglect of study, or disorderly conduct in the class room or laboratory. These cases are dealt with by the Dean of the Faculty.

3. Lectures commence at five minutes after the hour, on the conclusion of the roll call. After the commencement of a lecture students are not allowed to enter, except with the permission of the professor. If permitted to enter, they report themselves at the close of the lecture and are marked "late". Two lates count as one absence. Lectures end at five minutes before the hour. In cases where it is impracticable to record late attendance, students who are not present at the commencement of the lecture are marked absent.

ATTENDANCE — UPPER YEARS

Students should realize that regular attendance at all scheduled exercises is in their best interests and should make every effort to attend regularly. To allow as much freedom as is consistent with efficient teaching, the following regulations apply:

1. Attendance is not compulsory except in the first year (Page 1413.)

2. For other years an instructor may keep records of attendance at laboratory exercises and the like, if he so desires, and is authorized to deal with cases of unsatisfactory attendance at such exercises.

3. Students who expect to be absent for three or more teaching days, for reasons other than illness or athletic events, shall give notice at the Dean's Office of the laboratory and draughting room exercises to be missed, with the names of the instructors concerned.

4. Students shall report, or have someone report for them, to the Dean's Office immediately upon the onset of an illness, no matter how trivial, which will occasion absence. Telephone notification is satisfactory.

5. Students who have been absent for any reason for three or more teaching days shall report to the Dean's Office immediately upon their return to classes.

6. Lectures begin at five minutes after the hour and end at five minutes before the hour. After the beginning of a lecture students are not admitted, except by permission of the lecturer.

7. Abuse of these regulations will be dealt with as a matter of discipline by the Dean of the Faculty.

DISCIPLINE

The University regulations concerning discipline are administered by the several Faculties, subject, when necessary, to revision or confirmation by Senate.

FEES

Regular fees and special fees are given in the General Information pamphlet enclosed with this announcement.

SPECIAL FEES IN ENGINEERING

Summer Schools—Students who are eligible to attend summer schools in May or September as part of their regular course pay $10 as a caution money deposit. Students taking summer schools as extra courses will pay $25, plus a caution money deposit of $10. Students in third year Mining Engineering pay an additional fee of $50 for the Mining Field School.

DATES FOR PAYMENT

Fees are due and payable at the Chief Accountant's Office between the hours of 9 a.m. and 4 p.m. (Saturday 9 a.m. to 11 a.m.) from Friday, September 21st to Thursday, October 4th, inclusive.

If desired, fees may be remitted by mail before the above dates, with Fee Coupon attached. The second instalment of tuition fees is due and payable on February 1st. An additional $2 is charged for payment after the specified dates.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the above paragraph.

Immediately after the prescribed dates for the payment of fees, the Chief Accountant will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Dean will thereupon suspend them from attendance at classes until such time as the fees are paid or satisfactory attangements are made with the Chief Accountant.

SCHOLARSHIPS, BURSARIES, PRIZES, MEDALS, AND LOAN FUNDS

Details of scholarships, bursaries, and loan funds will be found in the Scholarships, Bursaries, and Loan Funds Announcement which may be obtained from the Registrar's Office.

HEALTH SERVICE

Information concerning the University Health Service will be found in the General Information pamphlet enclosed with this announcement.

Those engaged in certain branches of mining and metallurgical work are subject by provincial authorities and mining companies to regulations regarding physical fitness, with particular reference to chest conditions and sight. Students registering for courses in Mining or Metallurgical Engineering are therefore required to undergo a special medical examination to determine their fitness. Convenient arrangements are made

through the University Medical Officer for such examinations. While assisting students to determine their degree of fitness, the University assumes no responsibility for decisions made by those administering the regulations referred to above.

DEGREES, EXAMINATIONS, AND SOCIETIES

DEGREES

Degrees conferred by the University upon such undergraduates of the Faculty as fulfil the conditions and pass the examinations hereinafter stated are: "Bachelor of Architecture" (B.Arch.), and "Bachelor of Engineering" (B.Eng.), mention being made in the diplomas of the latter of the particular course of study pursued.

Students who take the Bachelor of Engineering degree in one course may graduate in another course by attending one or more subsequent sessions and passing the prescribed additional examinations.

PRIVILEGES OF THE HOLDERS OF THESE DEGREES

Among the privileges enjoyed by graduates of the Faculty of Engineering the following may be specially mentioned:

(1) By a resolution of the Institution of Civil Engineers of Great Britain, the holders of the degree of B.Eng., who are desirous of becoming Associate Members of the Institution, may be exempted from Parts A and B of the examinations prescribed for admission to the Institution.

(2) By the Dominion Lands Surveys Act, any graduate in civil or mining engineering may have his term of apprenticeship for the Dominion Land Surveyor's certificate shortened from three years to one.

(3) Holders of the degree of B.Eng. are admitted to practice in Quebec, upon graduation, provided they register with the Corporation of Professional Engineers of Quebec upon entering the Faculty. Students entering the Faculty should therefore obtain the necessary application forms from the Dean's Office, complete them and return them to that office.

(4) The School of Architecture is recognized by the Royal Institute of British Architects and the instruction given meets the requirements of the Board of Architectural Education of that body. Students who obtain the degree of B. Arch. are exempted from the final examination for the associateship of the Royal Institute except in the subject of professional practice, in which they are required to take a paper set by the Institute's examiners. On passing this they are eligible for candidature as "Associate R.I.B.A."

(5) The Province of Quebec Association of Architects admits holders of the degree of B.Arch. to membership, and thereby to practice in the Province, on passing an examination in professional practice and after spending one year in the office of a member of the Association.

EXAMINATIONS

See also Regulations concerning Standing and Promotion, page 1499.

1. Final examinations are normally held in all lecture subjects. Class examinations for which credit is given in sessional standing are held at the option of the instructor or at the request of the Faculty.

2. Students who have failed in one or more subjects of the curriculum, except in cases where they are not permitted to register in a subsequent session or as noted in Paragraph 3, are required to make good their standing prior to their registration by writing:

(a) The regular supplemental examinations held immediately before the opening of the session, or

(b) The final examinations in a subsequent session.

3. Students who have failed at the completion of a session in subjects totalling not more than 150 marks, may, if given permission by Faculty, register in a subsequent session as conditioned students. (See paragraph 2, page 1499.)

4. The pass standard in examinations in which the candidate has already failed twice is 60 per cent. A conditioned student, unless excused by Faculty, who does not present himself for a sessional or supplemental examination before applying for registration, will be regarded as having failed in that examination and will be required to make 60 per cent at his next attempt.

5. Special supplemental examinations are not held. Deferred supplemental examinations are given only under exceptional circumstances and by authority of Faculty.

6. Failures in laboratory subjects may under certain conditions be made good by attending special classes during the late afternoons of the first two months of the following session. No student is permitted to attend these schools unless he has made at least 30 per cent in the subject of the school. These classes must be completed and the results reported to Faculty on or before December 1st. A summer school in mechanical drawing for students who are deficient or conditioned in Courses 521, 540, 541 or 565 will be held during September. Students who must attend this school will be notified by the Dean's Office before August 15th, 1951. The fee for this school is $20.

7. Classes of academic standing:

Class I	80-100 per cent
Class II	65-79 per cent
Class III	50-64 per cent

WITHDRAWALS FOR LOW STANDING

Any undergraduate student of the first three years who at the end of the first term has failed to obtain an average of 33 per cent of the weighted value of the examinations regularly scheduled in November and January on the work of that term, may be required to withdraw from the Faculty.

ENGINEERING SOCIETIES

1. Upon entrance into the Faculty, all undergraduate students automatically become members of the Engineering Undergraduates Society.

2. The students also support the Society of the Phi Epsilon Alpha. The members of this society are selected from graduates and undergraduates in engineering, and its object is to encourage high standards of character and scholarship.

3. Students in all departments of engineering are strongly recommended to become student members of the Engineering Institute of Canada, for which a fee of $3 is required. They are then entitled to the Journal of the Institute, to the use of the Institute's building, 2050 Mansfield Street, Montreal 2, and to attend the weekly meetings. Students are invited to compete for the prizes which are offered by the Institute.

4. Students in Mining Engineering and in Metallurgical Engineering are strongly recommended to become members of the McGill Mining and Metallurgical Society, which, although a student body, is affiliated with the Canadian Institute of Mining and Metallurgy, the headquarters of which are in the Drummond Building, 1117 St. Catherine St., Montreal 2. Members of this Society receive the Monthly Bulletin of the Transactions of the Institute free, and are entitled to attend meetings and to compete for prizes offered.

5. Students in Architecture are recommended to become student members of the Province of Quebec Association of Architects, for which a fee of $1.00 is required. They are then entitled to use the library of the Association, 620 Cathcart Street, Montreal 2.

Courses of Instruction

Instruction in this Faculty is designed to afford thorough training of a practical as well as theoretical nature in the following branches:

I—Architecture
II—Chemical Engineering
III—Civil Engineering
IV—Electrical Engineering
V—Mechanical Engineering
VI—Metallurgical Engineering
VII—Mining Engineering
VIII—Engineering Physics

A note concerning graduate courses follows the list of undergraduate courses in each department. Details are given in the Announcement of the Faculty of Graduate Studies and Research.

CURRICULUM

The curriculum as laid down in the following pages may be changed from time to time, as deemed advisable by Faculty, and is in no case binding beyond the session covered by this calendar announcement.

The course for a degree in any branch of Engineering is one of five years, and for a degree in Architecture the course is a six-year one.

The degree in Engineering will not be conferred upon any candidate until he has passed the prescribed examinations of his course, and has submitted satisfactory evidence to Faculty of having had a minimum of six months of experience in practical engineering work. Similar regulations apply to the degree in Architecture. The conditions regarding practical work in the School of Architecture are set forth under the heading of Summer Work, on page 1443. Forms, obtainable from the Dean's Office, must be signed by the employer and returned on or before 12 o'clock noon, October 13th, 1951.

The first three years of the Engineering courses are devoted largely to Mathematics, Mechanics, Physics, Chemistry, and Drawing, as it is necessary that students in these courses should master the general principles underlying scientific work before commencing professional subjects.

In certain courses, students are required to attend summer schools, following the completion of the work of the session in the second, third and fourth years: for details, see page 1441.

Students who are admitted to the first year with very high standing in Junior Matriculation may register for an extra course, if written permission has been obtained from the Dean prior to the day of registration.

ENGINEERING COURSES

The following schedules set out the various courses as it is expected they will be given during the session to which this Announcement applies, but the Faculty of Engineering reserves its right to alter them if it deems desirable. Notice of such alteration is posted for the information of students.

The subjects of instruction in the first year of the engineering courses, and the number of hours per week devoted to each, are as follows:

FIRST YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
REGULAR COURSES					
Mechanical Drawing	511	..	..	3	3
English	1440 (100)*	3	3	..	..
Mathematics	1200 (11)	3	3	..	..
Engineering Problems	1202	..	..	2	2
Physics	1311 (11)	3	3	2	2
Chemistry	902 (11)	2	2	3	3
Elective to be chosen by student from list on p. 1420					
Total hours		14	14	10	10

*Figures in parentheses give subjects as numbered by Faculty of Arts and Science.

Students entering first year Engineering who have passed their Junior Matriculation examinations with a very high standing and who wish to register for one additional subject must make application to do so, in writing, to the Dean's Office prior to Registration Day. They will be advised before the day of registration as to whether permission is granted or not.

ELECTIVE COURSES

Botany 1400 or 1401 and Zoology 1410 or 1411
Economics 1430
French 1490, 1491, or 1492
Geography 1000
German 1450
Greek 1420 or 1421
History 1460 or 1462

Latin 1425, 1426, or 1427
Music 1480
Spanish 1495
Zoology 1410 or 1411 and Botany 1400 or 1401

Students who require a one-term course to complete their registration may elect:

Botany 1400 or 1401
Analytical Geometry and Curve Fitting 1206
Theory of Interest 1214
Zoology 1410 or 1411

Descriptions of these elective courses are given on pages 1465 to 1469.

SECOND YEAR

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Mechanics	322	2	2	..	..
Surveying	324	..	2	..	..
Summer School	352	..	..	..	..
Mechanical Drawing	521	..	..	3	3
Descriptive Geometry	522	1	1	2	2
El. Physical Chemistry and Laboratory	922	2	2	1	1
Algebra	1220	2	..	..	..
Analytic Geometry	1222	2	2	..	..
Calculus	1224	3	3	..	..
Mensuration and Spherical Trigonometry	1226	..	2	..	..
Physics and Laboratory	1320	3	..	2	..
Physics and Laboratory	1322	..	3	..	2
*History of Science	1462	1	1	..	..
Total hours		16	18	8	8

*May not be given in 1951-52

Commencing with session 1951-52, a special summer school in Mechanical Drawing of two weeks duration will be made available for such students as enter second year with senior matriculation and with a deficiency in Mechanical Drawing 511.

The subjects of instruction in the second year for students who intend to enter the regular Civil Engineering or the Mechanical Engineering course, and the number of hours per week devoted to each, are as follows:

THIRD YEAR (3M)

Civil and Mechanical Engineering

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Descriptive Geometry	340	1	1	2	2
Materials of Engineering	342	1	1	..	..
Mapping	344	..	..	6	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Surveying	350	2	..	..	..
*Summer School	352	..	..	..	..
Mechanical Drawing	541	..	..	3	3
Mechanics of Machines	542	..	1	..	3
Summer Essay	830	..	..	..	..
General Geology	1122	2	2	2†	2
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1445	1	1	..	..
Total hours		13	12	18	15

*Counted as part of third year curriculum, but taken in four weeks following the close of the second year. Students entering from other universities do this work in a special summer school before entering third year (see page 1441).

†During the first few weeks the laboratory work is replaced by field excursions.

See Regulations governing "Promotion," pages 1499 to 1503.

I. ARCHITECTURE

The course for the degree of Bachelor of Architecture extends over six years and aims to provide a basic training in the building arts and sciences with particular reference to the planning and to the structural and mechanical design of buildings. The first year is the regular first year of the Faculty of Engineering. The second year is the regular second year of the Faculty of Engineering with an alternative in drawing. During the third, fourth, fifth, and sixth years the subjects of Building Construction, Architectural, Structural, and Mechanical Design, History of Western Art and Architecture, Economics, and Community Planning are taken. Courses in Social Observation, Acoustics, and the Electrical Services of Buildings are given to the combined fourth and fifth years in alternate years. The work of the sixth year is largely architectural design and professional practice.

FIRST YEAR

As in engineering courses (see page 1420).

SECOND YEAR

As in engineering courses (see page 1421) with special summer work for students entering the third year. Students may take Architectural Drawing and Elements of Design 115 (see page 1446) in place of Mechanical Drawing 521.

Architecture

THIRD YEAR (3M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Architectural Report	130	..	..	..	..
Building Construction I	131	1	1	6	12
Elements of Design	132	..	..	3	3
Freehand Drawing	133	..	..	3	3
History of Architecture	134	2	2	..	..
History of Art	135	1	1	..	..
Materials of Engineering	342	1	1	..	..
Mapping	344	..	..	6	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Surveying	350	2	..	..	..
*Summer School	352	..	..	..	..
Summer Essay	830	..	..	..	..
Calculus	1242	2	2	..	..
Total hours		11	9	20	20

*Counted as part of third year curriculum, but taken in four weeks following the close of the second year. Students entering from other universities do this work in a special summer school before entering third year (see page 1441).

See Regulations governing promotion, pages 1499 to 1503.

Architecture

THIRD YEAR (3A=4M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Aesthetics and Theory of Design	145	1	1	..	..
Architectural Report	146	..	..	..	..
Building Construction II	147	1	1	..	..
Design A	148	..	..	15	6
Freehand Drawing	150	..	..	3	3
*History of Architecture	151	2	2	..	..
*Social Observation	152	..	..	2	2
Elements of Structural Design	360	..	2	..	2
Foundations	362	1	1	..	3
Strength of Materials	373	2	2	..	3
*Electrical Services	490	..	2	..	..
Mechanical Engineering	567	2	..	..	..
Summer Essay	840	..	..	..	..
Total hours		9	11	20	19

*Given to combined third and fourth years in alternate years. Given to third, fourth, and fifth years in session 1951-52 only.

Architecture

FOURTH YEAR (4A = 5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
*Social Observation	152	..	..	2	2
Architectural Report	160	..	..	..	..
Design B	161	..	..	15	15
Design Workshop	162	..	..	3	3
*History of Architecture	163	2	2	..	..
Planning	164	2	2	..	..
Sketching School	165	..	..	..	..
Strength of Materials	390	1	..	3	..
†*Electrical Services	490	..	2	..	..
Heating and Ventilation	583	1	1	..	3
Summer Essay	850	..	..	..	..
†*Acoustics of Buildings	1380	2	..	..	..
Economics	1435	..	2	..	..
Total hours		8	9	23	23

*Given to combined third and fourth years in alternate years.
†These two half courses alternate with course 152.

Architecture

FIFTH YEAR (5A = 6M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Sketching School	166	..	..	..	..
Architectural Report	175	..	..	..	..
Design C	176	..	..	21	24
Design Seminar	177	..	..	2	..
Design Workshop	178	..	..	3	..
History of Architecture	179	2	2	..	..
Professional Practice	180	..	2	..	..
Specifications	181	1	1	..	..
Summer Essay	860	..	..	..	..
Accounting	1437	2	..	..	..
Total hours		5	5	26	24

II. CHEMICAL ENGINEERING

The aim of this course is to provide a broad fundamental training, which, when supplemented by practical experience, will make the engineer competent to design and operate industrial plants and to understand the processes.

Part of the time in the second year is devoted to Chemistry in addition to general engineering subjects. In the third year, time is divided between Chemistry and Engineering, and Chemical Engineering topics are introduced. The fourth year is devoted mostly to Chemistry and Chemical Engineering, including a course in unit operations.

Students must attend a summer school in Elementary Quantitative Analysis at the end of the second year.

SECOND YEAR

As in other Engineering courses (see page 1421), except that students do not take the Summer School in Surveying Field Work 352.

Chemical Engineering

THIRD YEAR (3M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Engineering Problems	240	1	1	2	2
Materials of Engineering	342	1	1	..	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Summer Essay	830	..	..	..	..
Inorganic Qualitative Analysis	942	2	..	6	..
Inorganic Quantitative Analysis	944	..	2	..	9
Organic Chemistry	948	2	2	..	..
Organic Chemistry Laboratory	950	..	..	3	3
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1445	1	1	..	..
Total hours		13	13	16	19

See Regulations governing promotion, page 1499.

Chemical Engineering
THIRD YEAR (3A=4M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Chemical Technology	260	2	2	..	..
Elementary Chemical Engineering	264	2	2	..	..
Thermodynamics	268	2	2	..	..
Strength of Materials	373	2	2	..	3
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Metallurgy of Iron and Steel	666	1	1	..	..
Summer Essay	840	..	..	..	..
†Summer School	946	..	..	..	..
‡Summer School	270	..	..	..	..
Advanced Organic Chemistry	962	2	2	6	6
*High Polymers (extra)	966	1	1	..	..
Elementary Physical Chemistry Laboratory	968	..	..	3	3
Physical Chemistry	972	1	1	..	..
*Mineralogy	1142	2	2	3	..
*Differential Equations	1260	2	2	..	..
Engineering Reports	1434	1	1	..	..
Economics	1435	..	2	..	..
Total hours		16 to 18	18 to 20	12 to 15	15

*Alternates.
†Taken in four weeks following the close of the third year (3M).
‡Taken in four weeks following the close of the third year (3A).

Chemical Engineering
FOURTH YEAR (4A=5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Chemical Engineering A	280	3	3	..	..
Chemical Engineering B	282	3	3	..	..
Chemical Engineering Design	284	..	2	..	..
Chemical Engineering Laboratory	286	..	..	6	6
Thermodynamics	288	2	2	..	..
Elements of Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
*Industrial Administration (extra)	584	..	1	..	..
*Industrial Relations (extra)	586	2	..	..	..
*Electrometallurgy (extra)	682	..	2	..	..
Summer Essay	850	..	..	..	..
Advanced Physical Chemistry	982	2	1	..	..
Advanced Physical Chemistry Laboratory	984	..	..	3	3
Colloid Chemistry	986	1	1	..	..
Electrochemistry	988	2	..	..	..
Accounting	1437	2	..	..	..
Engineering Law	1470	2	..	..	..
Total hours		19 to 21	14 to 17	12	12

*May not be available in 1951-52.

III. CIVIL ENGINEERING

REGULAR COURSE

The regular course of study is designed to emphasize the fundamental principles of mechanics, strength of materials, design of structures, and hydraulics, at the same time affording an opportunity of applying these principles to practical problems ranging widely over the field of civil engineering. A sound foundation is laid for future specialization. The outlook of the student is broadened by courses in Mechanical and in Electrical Engineering. In the designing courses special attention is given to the interpretation and critical discussion of specifications and to the economic principles involved. Students are recommended to obtain practical experience during the summer vacations, and are especially recommended to spend at least one vacation in a drafting office.

FIRST AND SECOND YEARS

As in other Engineering courses (see pages 1420 and 1421), with additional Summer School for students entering third year (see page 1441).

Civil Engineering (Regular Course)
THIRD YEAR (3A=4M)

	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elements of Structural Design	360	..	2	..	2
Foundations	362	1	1	..	3
Hydraulics	364	2	..	3	..
Map Projections (extra)	368	1	..	2	..
Mechanics	370	2	..	..	..
Railway and Highway Engineering	371	2	1	6	3
Strength of Materials	373	2	2	..	3
Surveying	376	2	2	..	..
*Summer School	377	..	..	..	..
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Summer Essay	840	..	..	..	..
Engineering Reports	1434	1	1	..	..
Economics	1435	..	2	..	..
Total hours		14 or 15	12 or 13	12 or 14	14

*Taken in four weeks following the third year (3M).

Civil Engineering (Regular Course)
FOURTH YEAR (4A = 5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
†Summer School	394	..	..	..	..
Bridge Design	380	2	2	6	6
*Foundations and Reinforced Concrete	382	..	2	..	3
*Geodesy	384	..	2	..	..
*Geodetic Laboratory	385	..	..	..	3
Hydraulic Machines	386	..	2	..	..
Municipal Engineering	387	4	..	3	..
*Photogrammetry	388	..	2	..	3
Strength of Materials	389	1	2	3	..
Theory of Structures	392	1	2	3	6
Waste Disposal	393	..	1	..	..
Elements of Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
©Industrial Administration (extra)	584	..	1	..	..
©Industrial Relations (extra)	586	2	..	..	..
Summer Essay	850	..	..	..	..
Accounting	1437	2	..	..	..
Engineering Law	1470	2	..	..	..
Total hours		14 or 16	13 or 14	18	18

†Taken in four weeks following third year (3A).
*Alternates; Course 382 or Courses 384 and 385 or Course 388, to be taken.
©May not be available in 1951-52.

APPLIED MECHANICS OPTION

The courses of study in the applied mechanics option are designed to give rather more emphasis to the field of applied mechanics than is given in the regular civil engineering course. A broad mathematical foundation is provided, permitting a more intensive treatment of technical phases of applied mechanics, including fluid mechanics and vibrations. The work of the regular course in Railway and Highway Engineering, Geodesy, and Municipal Engineering is omitted, but all the basic engineering of the regular course is retained. The training is designed for those students who wish to fit themselves for positions in the field of advanced structural design, and for graduate and research work in this and allied fields.

A student electing this option may revert to the regular civil engineering course at the end of his second year without making up the regular work missed, provided his standing in all other respects is satisfactory. Reversion at the end of the third year involves making up certain of the work missed. Students who make only low pass standing will be required to revert.

Registration for this option is restricted to students whose general background, and standing attained in the first year, particularly in mathematics, indicate that they can profit by it. Students intending to register for this option should consult with the Chairman of the Department and obtain his approval of such registration prior to September 15th.

Civil Engineering (Applied Mechanics Option)
THIRD YEAR (3M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Descriptive Geometry	340	1	1	2	2
Materials of Engineering	342	1	1	..	..
Mapping	346	..	..	3	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Surveying	350	2	..	..	..
*Summer School	352	..	..	..	..
Summer Essay	830	..	..	..	..
General Geology	1122	2	2	2†	2
Advanced Calculus	1240	3	2	..	..
Differential Equations	1244	1	2	..	..
Nomography	1246	1	1	..	..
Problems on Mathematics and Physics	1248	..	..	3	3
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1445	1	1	..	..
Total hours		16	14	15	12

*Counted as part of third year curriculum, but taken in four weeks following the close of the second year. Students entering from other universities do this work in a special summer school before entering third year. (see page 1441.)

†During the first few weeks the laboratory work is replaced by field excursions.

Civil Engineering (Applied Mechanics Option)
THIRD YEAR (3A=4M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
*Thermodynamics	268	2	2	..	..
Elements of Structural Design	360	..	2	..	2
*Foundations	362	1	1	..	3
Hydraulics	364	2	..	3	..
Mechanics	370	2	..	..	..
Strength of Materials	373	2	2	..	3
⊙Fluid Mechanics	383	..	3	..	..
⊙Dynamics and Vibrations	381	..	3	..	..
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Physical Metallurgy	670	1	..	2	..
Summer Essay	840	..	..	..	..
Theory of Functions	1264	1	1	1	1
Engineering Reports	1434	1	1	..	..
Economics	1435	..	2	..	..
Total hours		13 or 14	15 or 16	9	12

*Alternates

⊙Given to combined fourth and fifth years in alternate years.

Civil Engineering (Applied Mechanics Option)

FOURTH YEAR (4A = 5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Bridge Design	380A	2	2	6	3
*Dynamics and Vibrations	381	..	3	..	..
*Fluid Mechanics	383	..	3	..	..
Hydraulic Machines	386	..	2	..	..
Strength of Materials	389	1	2	3	..
Theory of Structures	392	1	2	3	..
Elements of Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
Summer Essay	850	..	..	..	..
Accounting	1437	2	..	..	..
Engineering Law	1470	1	1	..	..
Total hours		9	14	15	12

*Given to combined fourth and fifth years in alternate years.

IV. ELECTRICAL ENGINEERING

The third year of the Electrical Engineering course provides the student with a broad engineering training. Courses in mechanical engineering, thermodynamics, and strength of materials occupy a large place in the curriculum, although the greatest emphasis is placed on the study of the principles of Electrical Engineering.

The course in Electrical Engineering theory includes a study of electromagnetism and of the electric circuit, followed by an analysis of the theory and characteristics of direct current machinery. A study is made of alternating current flow in single-phase and polyphase circuits, and a short introduction to the theory of operation of alternating current generators, motors and transformers is given. This training is applied in the laboratory and in the solution of problems. Courses in differential equations, electron tubes and circuits prepare the student for the electrical circuit theory and electrical communication courses of the fourth year.

The fourth year is devoted almost entirely to electrical studies in the two main fields of Power Engineering and Communication Engineering.

Courses in the power engineering field cover the generation, transmission and distribution of electric power; direct and alternating current phenomena; electrical machinery; electric lighting; electrical measurement and industrial electronics.

Courses in communication engineering cover the theory and applications of electron tubes, transmission theory, radio engineering and applied acoustics. These are supplemented by laboratory work in audio- and radio-frequency measurements and by design, and testing of communication apparatus.

When a student enters the fourth year he chooses between the Power Option and the Communications Option. Eight subjects of the fourth year are common to both options. The remaining subjects are taken only in one option, and this option is indicated on the schedule by means of a "P" or a "C" following the number of hours assigned.

FIRST AND SECOND YEARS

As in other Engineering courses. (See pages 1420 and 1421.)

Electrical Engineering

THIRD YEAR (3M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	1	1	..	..
Mapping	344	..	..	6	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Surveying	350	2	..	..	..
*Summer School	352	..	..	..	..
Electrical Engineering	440	..	2	..	3
Mechanical Drawing	541	..	..	3	3
Mechanics of Machines	542	..	1	..	3
Summer Essay	830	..	..	..	..
General Geology	1122	2	2	2†	2
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1445	1	1	..	..
Total hours		12	13	16	16

*Counted as part of third year curriculum, but taken in four weeks following close of the second year. Students entering from other universities do this work in a special summer school before entering third year (see page 1441).

†During the first few weeks the laboratory work is replaced by field excursions.

Electrical Engineering
THIRD YEAR (3A=4M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Mechanics	370	2	..	..	..
Strength of Materials	373	2	2	..	3
Electrical Engineering	460	4	3	..	..
Electrical Engineering Laboratory	462	..	..	12	9
Electron Tubes and Circuits	466	2	2	..	3
Machine Design	562	2	2	..	..
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Thermodynamics	570	2	2	..	..
Summer Essay	840	..	..	..	..
Differential Equations	1260	2	2	..	..
Engineering Reports (extra)	1434	1	1	..	..
Economics	1435	..	2	..	..
Total hours		18 or 19	17 or 18	15	18

Electrical Engineering
FOURTH YEAR (4A=5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Hydraulics	364	2P	..	3P	..
Communication Engineering (Wire)	480	2	..	..	..
Industrial Electrical Engineering	481	2	..	..	..
Electrical Design	482	1P	1P	3P	3P
Electrical Design	483	1C	..	3C	..
Electrical Engineering	484	4P	4P	..	..
Electrical Engineering	484C	4C	2C	..	..
Electrical Engineering Laboratory	486	..	..	9P	12P
Electrical Engineering Laboratory	488	..	..	6C	6C
Electrical Measurements and Laboratory	489	2	..	2	3
Industrial Electronics	491	..	2	..	..
Power Control and Protection	492	..	3P	..	..
Radio Design	493	..	1C	..	3C
Radio Engineering	494	2C	2C	..	..
Radio Engineering Laboratory	495	..	..	6C	6C
Radio-frequency Transmission Lines	496	..	2C	..	..
Applied Acoustics	497	..	2C	..	..
*Industrial Administration (extra)	584	2	..	..	..
*Industrial Relations (extra)	586	..	2	..	..
Summer Essay	850	..	..	..	..
Accounting	1437	2	..	..	..
Engineering Law	1470	2	..	..	..
Power option students will also take one of the following:					
Hydraulic Machines	386	..	2P	..	..
Radio-frequency Transmission Lines	496	..	2P	..	..
Total hours	P	17	14	17	18
	C	17	11	17	18

*May not be available in 1951-52. P—Power option. C—Communications option.

V. MECHANICAL ENGINEERING

The branch of engineering designated as Mechanical is of a broad nature covering many engineering fields. It is concerned with the generation and utilization of power, the design, production, and operation of mechanical devices, and the organization and administration of industrial plants.

The course provides a basic general engineering training which is applicable to all industries. In the third and fourth years the student may take a general course in Mechanical Engineering, or may elect subjects emphasizing one of two fields of power and design or of production and management. The laboratory classes are integrated with the lecture courses, serving to illustrate engineering principles in a practical manner.

Students who intend to proceed to a postgraduate degree in Mechanical Engineering must include Differential Equations 1260 in their curriculum.

Arrangements are made for occasional visits to power plants and factories of importance.

FIRST AND SECOND YEARS

As in other Engineering courses (see pages 1420 and 1421, with additional Summer School for students entering third year (see page 1441).

Mechanical Engineering
THIRD YEAR (3A = 4M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elements of Structural Design	360	..	2	..	2
Mechanics	370	2	..	..	..
Strength of Materials	373	2	2	..	3
Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
Industrial Engineering	561	2	..	..	..
Machine Design	562	2	2	..	..
Machine Shop	563	..	..	3	3
Mechanical Drawing	565	..	..	3	3
Mechanical Engineering	568	2	2	1	1
Mechanical Engineering Laboratory	569	..	..	3	3
Thermodynamics	570	2	2	..	..
Summer School (machine shop)	572	..	..	..	..
Summer School (mechanical drawing)	574	..	..	..	..
Physical Metallurgy	670	1	..	2	..
Summer Essay	840	..	..	..	..
Engineering Reports	1434	1	1	..	..
Economics	1435	..	2	..	..
Accounting	560	1	1	3	3
or					
Mechanics of Machines	564	2	2	1	1
*Differential Equations (extra)	1260	2	2	..	..
Total hours		17 to 21	16 to 20	15 to 17	18 to 20

*Students intending to specialize later in Aerodynamics should take this subject.

Mechanical Engineering
FOURTH YEAR (4A=5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Hydraulics	364	2	..	3	..
Hydraulic Machines	386	..	2	..	..
Designing	581	1	1	2	2
Experimental Engineering	582	1	1	..	..
Heating and Ventilation	583	1	1	..	..
Machine Design	587	2	2	..	..
Machine Shop	588	..	..	3	3
Mechanical Engineering Laboratory	589	..	..	6	6
Power Plant Design	591	1	1	3	3
Summer Essay	850	..	..	..	..
Accounting	1437	2	..	..	..
Engineering Law	1470	2	..	..	..
and					
Industrial Administration	584	..	1	..	3
Industrial Engineering	585	2	2	3	3
Industrial Relations	586	2	..	..	..
or					
Applied Gas Dynamics	580	1	1	..	..
Industrial Administration	584	..	1	..	3
Industrial Relations	586	2	..	..	..
Thermodynamics	592	2	2	..	..
or					
*Strength of Materials (extra)	391	..	2	..	..
Applied Gas Dynamics	580	1	1	..	..
Mechanics of Machines	590	2	2	1	1
Thermodynamics	592	2	2	..	..
Total hours		15 or 16	12 to 15	17 to 20	15 to 20

*Students intending to specialize later in Aerodynamics should take this subject.

VI. METALLURGICAL ENGINEERING

The course of instruction provides training in the chemical, physical and engineering subjects that form the basis for metallurgical engineering. In the later years, the various branches of theoretical and practical metallurgy are studied.

The course is designed for students who expect to be engaged in mineral dressing, the smelting or refining of metals, the production of iron and steel, the melting and casting of metals and alloys, or in engineering work in which the physical properties and heat-treatment of metals and alloys are of fundamental importance.

In the second year instruction is given in mathematics, mechanics, physics, materials of engineering, organic chemistry, inorganic qualitative and quantitative analysis, and metallurgical problems.

In the third year instruction is given in economics, physical chemistry, chemical thermodynamics, mineralogy, mineral dressing, metallurgy, mechanical engineering, strength of materials, and machine design.

In the fourth year instruction is given in chemistry, engineering law, economics, metallurgy, electrometallurgy, metallography, electrical engineering, metallurgical designing and mineral dressing.

Laboratory accommodation is provided for graduate students who wish to do advanced work in metallurgy for the M.Eng. degree.

SECOND YEAR

As in other Engineering courses. (See page 1421.)

Metallurgical Engineering

THIRD YEAR (3M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	1	1	..	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
*Summer School	352	..	..	..	..
Metallurgical Problems	640	1	..	2	..
Summer Essay	830	..	..	..	..
Inorganic Qualitative Analysis	942	2	..	6	..
Inorganic Quantitative Analysis	944	..	2	..	9
Organic Chemistry	948	2	2	..	..
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1445	1	1	..	..
Total hours		13	12	13	14

*Taken in four weeks following the close of the second year. Students entering from other universities do this work in a special summer school before entering third year (see page 1441).

Metallurgical Engineering
THIRD YEAR (3A=4M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Inorganic Chemical Technology	266	2	..	..	..
Strength of Materials	373	2	2	..	3
Machine Design	562	2	2	..	..
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Metallurgical Analysis	660	..	..	3	..
Metallurgical Laboratory	663	..	..	..	3
Metallurgical Problems	664	..	..	2	2
Metallurgy of Iron and Steel	666	1	1	..	..
Mineral Dressing	668	1	1	3	3
[e]Summer School	674	..	..	..	..
Summer Essay	840	..	..	..	..
Chemical Thermodynamics	964	2	2	..	..
Physical Chemistry	972	1	1	..	..
Colloid Chemistry (extra)	986	1	1	..	..
Mineralogy	1142	2	2	3	..
Differential Equations (extra)	1260	2	2	..	..
Engineering Reports (extra)	1434	1	1	..	..
Economics	1435	..	2	..	..
Total hours		15 or 19	15 or 19	14	14

[e]Taken in two weeks prior to the opening of the session in the fourth or fifth years.

Metallurgical Engineering
FOURTH YEAR (4A=5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Elements of Electrical Engineering	442	2	2	..	..
Electrical Engineering Laboratory	444	..	..	3	3
Industrial Administration (extra)	584	..	1	..	..
Industrial Relations (extra)	586	2	..	..	..
Metallurgical Unit Operations	680	2	2	1	1
Metallurgical Laboratory	681	..	..	3	3
Electrometallurgy	682	..	2	..	..
Extractive Metallurgy	684	2	2	2	2
Metallurgical Colloquium	688	..	1	..	..
Metallurgical Design	690	..	..	..	3
Metallurgical Thesis	692	..	..	3	6
Physical Metallurgy	694	2	2	1	1
Mineral Dressing	697	2	..	3	..
Summer Essay	850	..	..	..	..
Advanced Physical Chemistry	982	2	1	..	..
Electrochemistry	988	2	..	..	..
Accounting	1437	2	..	..	..
Engineering Law	1470	2	..	..	..
Total hours		17 or 19	13 or 14	16	19

VII. MINING ENGINEERING

In the third year (3M) instruction is given in calculus, mechanics, physics, geology, mineralogy, surveying, materials of engineering, inorganic qualitative and quantitative analysis.

The third year is largely devoted to applied mechanics, structural design, electrical engineering, mechanical engineering, surveying, petrology, applied geology, and geophysics, but courses of special interest to Mining Engineers are introduced in mineral dressing, elementary mining and metallurgy.

In the fourth year instruction is given in mining, mineral dressing, economic geology, and metallurgy, including nearly two full days per week in laboratories and drafting room. In the second term each student prepares a thesis on an experimental investigation, and works on problems in mine design.

A Field School in mining, mineral dressing, and geology normally is held between the third and fourth years, beginning immediately after the close of the April examinations. Students are taken on a trip to some important mining district where mines and plants are studied.

The fee for this trip is not included in the regular fee and is payable to the University on or about the 15th of April immediately preceding the trip. The fee will vary from year to year, depending upon the itinerary and general conditions, and will be established annually while making arrangements for the Field School.

Facilities are available for graduate students who wish to do advanced work in mining or mineral dressing, and the Department possesses three Research Fellowships open to graduates who show ability. (See Scholarships Announcement.)

Refer to page 1415 for regulations regarding physical examination

SECOND YEAR

As in other Engineering courses (See page 1421)

Mining Engineering

THIRD YEAR (3M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	1	1	..	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
Surveying	350	2	..	..	..
*Summer School	352	..	..	..	..
Mine Projections	740	..	1	..	2
Summer Essay	830	..	..	..	..
Inorganic Qualitative Analyais	942	2	..	6	..
Inorganic Quantitative Analysis	970	..	1	..	6
General Geology	1122	2	2	2†	2
Mineralogy	1124	2	2	3	3
Calculus	1242	2	2	..	..
Physics	1340	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Engineering Reports	1445	1	1	..	..
Total hours		16	14	16	18

*Taken in four weeks following the close of the second year. Students entering from other universities do this work in a special summer school before entering third year (see page 1441).

†During the first few weeks the laboratory work is replaced by field excursions.

Mining Engineering
THIRD YEAR (3A=4M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Hydraulics	364	2	..	3	..
Elements of Structural Design	360	..	2	..	2
Strength of Materials	373	2	2	..	3
†Summer School	377	..	..	..	..
(1)Elements of Electrical Engineering	442	..	..	..	..
(1)Electrical Engineering Laboratory	444	..	..	..	..
Mechanical Engineering	566	2	2	..	..
Mechanical Engineering Laboratory	569	..	..	3	3
Metallurgical Laboratory	662	..	..	3	..
Metallurgy of Iron and Steel	666	1	1	..	..
Mineral Dressing	668	1	1	3	3
*Summer School	674	..	..	..	..
Mapping	760	..	..	..	3
Surveying	761	..	2	..	..
Mining Methods	762	2	1	..	..
Summer Essay	840	..	..	..	..
Petrology	1144	2	..	3	..
Structural and Field Geology	1146	2	2	3	3
Economics	1435	..	2	..	..
Total hours		14	15	18	17

†Taken in four weeks following the third year.
*Taken in two weeks prior to the opening of session in the fourth or fifth year.
(1)Transferred to year 5M.

Mining Engineering
FOURTH YEAR (4A=5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
(1)Hydraulics	364	2	..	3	..
(2)Elements of Electrical Engineering	442	..	..	..	..
(2)Electrical Engineering Laboratory	444	..	..	..	..
General Metallurgy	686	2	2	..	..
Mineral Dressing	697	2	..	3	..
Mineral Dressing	698	..	1	..	3
†Summer School	764	..	..	..	..
Industrial Psychology at Mines	780	2	1	..	..
Mine Design	782	..	..	5	5
Mine Finance and Cost Control	784	..	2	..	..
Mining Colloquium	786	..	1	..	..
Mining Engineering	788	2	3	..	..
Mining Engineering Problems	790	..	..	2	2
Ore Analysis	792	..	..	3	..
Summer Essay	850	..	..	..	..
Geology and Natural Resources of Canada	1160	..	2	..	3
Ore Deposits	1162	2	2	..	3
Applied Geophysics	1360	..	2	..	..
Accounting	1437	2	..	..	..
Engineering Law	1470	2	..	..	..
Total hours		16	16	16	16

†Normally taken in two or three weeks at the close of the fourth year.
(1)To be given in Year 4M only commencing 1952-53 session.
(2)To commence 1952-53 session.

VIII. ENGINEERING PHYSICS

The courses leading to the degree of B.Eng. in Engineering Physics are planned for those students who wish to fit themselves for positions in the fields of design, development, and research. These courses are at present arranged for students specializing primarily in Electrical Engineering and Electrical Physics, but the group of courses as a whole places emphasis on a considerable range of Physics and Mathematics.

Since the opportunities in the fields of design, development, and research are in general limited to those who show a marked aptitude for both technical and theoretical work, registration in Engineering Physics is restricted to those students who have completed second year Engineering with high second-class standing or better. Moreover, students who do not maintain an average of 65% are not allowed to continue in Engineering Physics. They may, however, transfer to Electrical Engineering at the end of any year if they have obtained a minimum of 50% in all courses of that year.

Alternative groups of courses associated closely with other branches of engineering may be offered when the demand for Engineering Physicists in these branches is assured.

SECOND YEAR

As in other Engineering courses (See page 1421).

Engineering Physics
THIRD YEAR (3M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Materials of Engineering	342	1	1	..	..
Mechanics (Analytical)	348	2	2	2	2
Mechanics (Graphics)	349	..	..	..	..
*Summer School	352	..	..	..	..
Electrical Engineering	440	..	2	..	3
Mechanical Drawing	540	..	..	3	..
Summer Essay	830	..	..	..	..
Advanced Calculus	1240	3	2	..	..
Differential Equations	1244	1	2	..	..
Nomography	1246	1	1	..	..
Problems in Mathematics and Physics	1248	..	..	3	3
Physics	1340	2	2	..	..
Advanced Heat	1342	2	2	..	..
Physics Laboratory	1344	..	..	3	3
Economics	1435	..	2	..	..
Engineering Reports	1445	1	1	..	..
Total hours		13	17	11	11

*Counted as part of the third year curriculum, but taken in four weeks following the close of the second year. Students entering from other universities do this work in a special summer school before entering third year (see page 1441).

Engineering Physics
THIRD YEAR (3A = 4M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Strength of Materials	373	2	2	..	3
Electrical Engineering	460	4	3	..	..
Electrical Engineering Laboratory	464	..	..	9	6
Electron tubes and Circuits	466	2	2	..	3
Summer Essay	840	..	..	..	..
Theory of Functions	1264	1	1	1	1
Electron Physics	1362	2	..	..	..
Advanced Light	1364	2	1	3	3
Properties of Matter (extra)	1366	..	1	..	..
Statics and Dynamics	1368	3	3	..	..
Total hours		14	13	13	16

Engineering Physics
FOURTH YEAR (4A = 5M)

SUBJECT	Course Number	Lecture hours per week		Laboratory, etc., hours per week	
		First term	Second term	First term	Second term
Communication Engineering (Wire)	480	2	..	..	..
Electrical Engineering	485	4	..	..	..
Electrical Engineering Laboratory	487	..	..	3	..
Radio Engineering	494	2	2	..	..
Radio Engineering Laboratory	495	..	..	6	6
Summer Essay	850	..	..	..	..
Mathematical Physics	1390	3	3	..	..
Atomic Physics	1382	2	(2)*	3	..
Radioactivity	1392	..	2	..	3
Electric Measurements	1384	1	1	3	3
Electrical Measurements (extra)	1386	1	1	2	2
Electromagnetic Theory	1388	1	2	..	..
Total hours		15	12	15	12

*In the second term course 1382 becomes an extra, but attendance at the two lectures per week is recommended, although not required.

SUMMER SCHOOLS

Undergraduates are required to attend Regular Summer Schools as specified below. The times at which they are held, and the work covered, are set forth in detail under the course numbers referred to.

See note under fees, page 1415.

Except as noted, classes are expected to begin on or about April 25th and close about May 24th.

REGULAR SUMMER SCHOOLS

CURRICULUM	Students Entering					
	3M Third year		3A Third year		4A, 5A Fourth year, and fifth year Architecture	
	Course	Page	Course	Page	Course	Page
Architecture	352	..	..	..	165 166	..
Chemical Engineering	..	..	946	..	..	..
Civil Engineering:	..	..	270	..	..	..
Regular Course	352	..	377	..	394	..
Applied Mechanics option	352	..	..	..	..	..
Electrical Engineering	352	..	..	..	..	..
Mechanical Engineering	352	..	572 574	..	..	..
Metallurgical Engineering	352	..	674	..	..	..
Mining Engineering	352	..	377 674	..	674	..
Engineering Physics	352	..	..	..	674 ..	..

SPECIAL SUMMER SCHOOLS

As it is seldom practicable for students admitted to advanced standing in McGill University from other colleges to attend the May Summer School preceding the work of the year to which they are admitted, the following arrangements have been made for such students, but it must be understood that they apply only to students who have not previously been in attendance in the Faculty of Engineering.

(a) Students entering the third year from other universities, except in Chemical Engineering, are required to attend a Summer School in Surveying which opens on or about September 12th, 1951, preceding the work of the Session. Additional work may be required in the following year, if necessary, to cover the course.

(b) Students entering the third year (3A) of the course in Mechanical Engineering will be required to attend a Summer School in Mechanical Drawing and Machine Shop Work extending over a period of about four weeks, commencing September 4th, 1951.

(c) Students entering the third year (3A) in the course in Civil or Mining Engineering are required to attend a Summer School in Surveying which opens on or about September 12th, 1951.

(d) Students entering the fourth year (4A) in Civil Engineering are required to attend a Summer School in Surveying which opens on or about September 12th, 1951.

(e) Students entering the fourth year (4A) in the courses in Mining Engineering are required to submit evidence that they have had at least six months' practical experience in Mining Work.

(f) Students in Mining or Metallurgical Engineering are required to attend a Summer School in Fire Assaying (674) prior to entering either their third (3A) or fourth (4A) year.

SUMMER WORK AND SUMMER ESSAYS

Students in Engineering are required to submit to the Faculty evidence of having had at least six months of experience in practical engineering work before receiving their degrees (see page 1419). Evidence of such employment must be submitted on forms obtainable at the Dean's Office, to be signed by the employer, and handed in at that office not later than 12 noon, Saturday, October 13th, 1951.

A similar regulation applies to students in Architecture.

GENERAL REQUIREMENTS FOR ESSAYS

Essays are regarded as an important part of the curriculum and a high standard is exacted. They are judged on their subject matter, on their literary style and on the evidence they show of thoughtful observation and preparation.

The most suitable subject for an essay is a topic drawn from the experience of the student during his summer work, but a similar topic connected with any engineering, scientific or industrial work with which he is familiar is acceptable. Students should take advantage of every opportunity during their summer engagements to gather material for their essays.

No essay compiled entirely from matter already published will be accepted from any student unless ACCOMPANIED by a letter of approval from the Chairman of his Department, or in the case of students of the first year and of the second year in the general course, from the Chairman of the Department naturally concerned with the topic upon which the student proposes to write. Such approval is not usually given, unless the proposed essay will serve a really useful purpose by bringing together important information otherwise difficult of access.

Data from books and from other sources, may, however, be used or even quoted verbatim in reasonable quantity, provided acknowledgement is made and direct quotations are indicated. Thanks for assistance, advice, drawings, photographs and the like received by the writer from others should also be given under "Acknowledgements".

Essays should be from 2,000 to 5,000 words in length. The student is therefore strongly advised to select a topic which can be treated with reasonable completeness within these limits.

Unless absolutely essential, it is not desirable to accompany essays with samples and specimens. Careful writing and adequate illustration will usually make these unnecessary.

Essays must be TYPEWRITTEN on one side only of 8½ x 11-inch white paper of good quality and bound in the standard cover.

The schedule by which essays are ranked is as follows:

A—Physical Presentation

Title, name, course and year on cover; table of contents or index; list of illustrations, drawings, maps, etc.; suitability of illustrations, etc.; neatness—15 to 25 marks.

B—Content

Suitability; originality; evidence of accurate observation; authority and accuracy—30 to 40 marks.

C—Organization

Acknowledgements; headings and sub-headings; tables; references; bibliography—15 marks.

D—Composition

Grammar; spelling; phraseology; style and interest; clarity and lucidity—30 marks.

After ranking, essays, except those to be considered for prizes or those which must be rewritten, are returned to the writers through the Engineering Library. Essays considered for prizes, but not awarded any, are also returned in the same manner, but at a later date. Prize-winning essays become the property of the Engineering Undergraduates' Society and are filed for permanent reference in the Engineering Library. Any student who does not wish to surrender his essay should, therefore, indicate by letter ATTACHED THERETO that it is not to be considered for a prize.

Students are encouraged to submit their essays to the Engineering Institute of Canada, to the Canadian Institute of Mining and Metallurgy, to the Institute of Radio Engineers or to the Society of Chemical Industry in competition for prizes offered by these institutes. A student wishing to enter one of these competitions should so indicate by letter ATTACHED TO his essay.

Summer essays must be handed in at the Engineering Library, Engineering Building, not later than 5 p.m., Monday, October 1st, 1951.

REQUIREMENTS FOR SUMMER WORK

STUDENTS IN ARCHITECTURE

During each summer vacation students are required to obtain at least six week's practical experience satisfactory to the Faculty and to prepare an essay of about 3,000 words upon their summer employment. Rules governing these essays are as stated for summer essays.

STUDENTS IN ENGINEERING

Third Year (3M)

830. SUMMER ESSAY. Students entering the second year must submit an essay. The essay, which should be approximately 2,000 words in length, must be illustrated and must conform to the requirements for essays stated above.

Students who are not engaged during the summer in engineering, scientific or industrial work that would provide a suitable subject for an essay, may write on one of the following subjects:

Chemical Engineering: (1) A survey of a local chemical or semi-chemical industry; (2) A survey of a municipal or local engineering utility such as: (i) Water-works system; (ii) Gas production and distribution system; (iii) Sewerage or sewage-disposal system; (iv) Pipe-line system for oil or gas.

Other Engineering Courses: (1) The Engineer's Place in Society; (2) Engineering Societies and their Functions; (3) Licensing of Engineers; (4) The Engineer and Collective Bargaining.

Third Year (3A)

840. SUMMER ESSAY. Students entering the third year must submit an essay, preferably on engineering work in which they have been engaged. Essays must conform to the requirements stated.

Students who are not engaged during the summer in suitable engineering, scientific or industrial work are advised themselves to choose a subject for an essay, in consultation with the Chairman of their Department, or they may write on one of the following:

Chemical Engineering: (1) A survey of a local chemical or semi-chemical industry; (2) Recording instruments for pressure, or temperature, or flow; (3) Basic principles of automatic control in an industrial process; (4) Nomographic charts in chemical processes; (5) Design of one unit or equipment in a chemical industrial process.

Civil Engineering: (1) Historical Development of Trussed Frameworks; (2) Historical Development of Reinforced Concrete; (3) Ancient and Modern Water Supplies.

Electrical Engineering: The Application of Electric Power to Industrial Establishments.

Mechanical Engineering: (1) Powdered Fuel for Power Production; (2) Pulp and Paper Manufacture; (3) Shop Management.

Metallurgical Engineering: (1) Roasting Sulphide Concentrates; (2) Reverberatory Copper Smelting; (3) Heat Treatment of Steel.

Mining Engineering: (1) Explosives Used in Mining; (2) Hoisting from Mines; (3) Mucking and Transportation in Mines; (4) The Cyanide Process for Extraction of Minerals from Ores.

Fourth Year (4A)

850. SUMMER ESSAY. Students entering the fourth year are required to submit an essay, preferably on engineering work in which they have been engaged. Students who are not engaged in suitable work may write on one of the following subjects, or preferably on an engineering subject approved by the Chairman of their Department.

Chemical Engineering: A critical essay on any one of the topics suggested for second- and third-year Chemical Engineering essays.

Civil Engineering: (1) Welding of Structural Steel; (2) High-Early-Strength Concrete; (3) Aerial Surveying; (4) Small-Town Sewage Disposal Plants; (5) A Short History of Soil Mechanics.

Electrical Engineering: (1) Applications of Electricity to any Particular Branch of Industry, or to Industry in General; (2) Applications of Thermionic Tubes to Electrical Communication and to Industry; (3) Electrification of Railways; (4) The Insulation of Underground Cables or of Overhead Lines; (5) The Magnetic Properties of Iron and its Alloys.

Mechanical Engineering: (1) Power Costs; (2) Central Station Heating; (3) Methods of Increasing Production in Manufacturing; (4) Diesel-driven Motor Buses.

Metallurgical Engineering: (1) The Treatment, Uses and Disposal of Gases from Metallurgical Furnaces; (2) The Economic Use of Electric Power in Metallurgical Furnaces; (3) Corrosion-resisting Alloy Steels; (4) Electro-metallurgical Industries.

Mining Engineering: (1) Prospecting and Exploration of Mineral Deposits; (2) Mine Drainage; (3) The Flotation Process for Ore Concentration; (4) Compressed Air and its Application to Mining; (5) Mineral Production and its Effect on Industrial Development.

Essays must conform in all respects to the requirements stated on pages 1442 and 1443.

Courses of Instruction

SCHOOL OF ARCHITECTURE

Director and Professor	JOHN BLAND
Associate Professor	HAROLD SPENCE-SALES
Assistant Professor	A. STUART WILSON
Sessional Lecturers	WATSON BALHARRIE L. AUSTIN JOHNSON ARTHUR LISMER HAZEN SISE
Sessional Instructors	DAVID F. LEBENSOLD GORDON WEBBER
Demonstrators	

Advisory Committee (*see page 1406*)

SECOND YEAR

115. ARCHITECTURAL DRAWING AND ELEMENTS OF DESIGN. Descriptive geometry; orthographic projection; simple pictorial representation; perspective by various methods; shades and shadows; interpenetrations; developments; lettering. Basic visual elements, line, form, colour, texture. Practical experiments in water colour, tempera, dyes and inks. Given only upon the demand of four or more students in place of Mechanical Drawing 521.

2 lectures and 6 hours problems per week, session.

Professor Bland and Mr. Webber

THIRD YEAR (3M)

130. ARCHITECTURAL REPORT. Students are required to prepare a paper during the session on some aspect of historical architecture. It may be based upon references in literature or other available library records, or it may be a study of technique, material, structure or function in historic buildings as revealed by available records. Related to Course 134.

Professor Bland

131. BUILDING CONSTRUCTION I. Building materials and methods of construction according to good local practice; wood framing and masonry; preparation of detail drawings from plates and design of one or two simple structures. 1 lecture and 6 hours problems per week, first term; 1 lecture and 12 hours problems per week, second term. *Professor Wilson*

Textbooks: Frame Construction Details (Nat. Lumber Mfg. Ass'n); Gay and Parker, Materials and Methods of Building Construction (Wiley); Graf, Data Sheets (Reinhold); Ramsey and Sleeper, Architectural Graphic Standards (Wiley).

132. ELEMENTS OF DESIGN. Applications of colour and texture experiments to renderings of planes in space. Designing and producing three dimensional tactile structures and the applications of visual aids in the presentation of architectural projects.

3 hours per week, session. *Mr. Webber*

133. FREEHAND DRAWING AND MODELLING. Drawing, painting and modelling and experiments in the forms and techniques of historic style. Related to Course 135. Classes held in the Art Association.

3 hours per week, session.

Dr. Lismer, Professor Wilson, and Mr. Byers

134. HISTORY OF MEDIAEVAL, RENAISSANCE, AND MODERN ARCHITECTURE. A survey of building forms in relation to purpose, materials, technique of construction, traditions, and climates. Related to Course 130.

2 lectures per week, session. *Professor Bland*

135. HISTORY OF ART. This course is a chronological survey of the changes in painting and sculpture from prehistoric times to the present day. Related to Course 133. Illustrated notes are required.

1 lecture per week, session. *Dr. Lismer*

830. SUMMER ESSAY. Before a degree is granted a student must have had at least six months' experience satisfactory to Faculty (see page 1419). During each summer the student must prepare an essay of about 3,000 words upon his summer employment.

THIRD YEAR (3A)

145. ÆSTHETICS AND THEORY OF DESIGN. This course describes the foundation of æsthetics and the character of design, form, colour, taste and their relationship to nature and the arts in industry and in modern life. Related to Course 150. Illustrated notes are required.

1 lecture per week, session. *Dr. Lismer*

146. ARCHITECTURAL REPORT. Related to Course 151. Continuation of Course 130. *Professor Bland*

147. BUILDING CONSTRUCTION II. Various structural systems and their architectural significance; construction and finish of walls, floors, ceilings and roofs; provision for mechanical services; by-law requirements. Detailed workings drawings of parts of design projects are prepared. Related to Course 148.

1 lecture per week, session. *Mr. Balharrie*

Textbooks: Huntingdon, Building Construction (Wiley); National Building Code (King's Printer).

148. DESIGN, CLASS A. Residential, industrial and educational buildings.

15 hours per week, first term; 6 hours per week, second term.

Mr. Balharrie

Detail studies of two or three buildings are made each session in the third, fourth and fifth years. Students are required to investigate the main elements of a given project, considering function, historical and contemporary counterparts, structure, materials, details of finish, mechanical and other equipment, as well as æsthetic disciplines and enrichment. The method of consideration is usually as follows: (a) Written report with illustrations upon the proposed building outlining its purpose, materials and construction; (b) Preliminary plans, sections and elevations; (c) Structural layout; (d) Graphical abstractions of the building in order to clarify the pattern of the structure, the mass, the texture and colours of materials and the surface; (e) Working drawings of a part of the building; (f) Final presentation drawings or scale models with details of special features. Occasional short problems are introduced to develop speed in design and presentation. There are weekly conferences for discussion of the current project.

150. FREEHAND DRAWING AND MODELLING. Drawing, painting and modelling with practical experiments in design form. Related to Course 145. Continuation of Course 133. Classes held in the Art Association.

3 hours per week, session. *Dr. Lismer, Professor Wilson, and Mr. Byers*

151. HISTORY OF MODERN ARCHITECTURE. The architectural consequences of the Industrial Revolution: development of new materials and techniques of construction, of new social requirements in a changed environment; the psychology of stylistic revivalism; the divorce between architecture and engineering; the changing role of the architect, etc. Despite the recent birth of a new style, the student is encouraged to regard the dynamic interaction of social and technological forces as a continuing process in which he himself is involved and towards which he should adopt a positive viewpoint.

2 lectures per week, session. *Mr. Sise*

152. SOCIAL OBSERVATION FOR ARCHITECTS. Growth and pattern of cities. The sociological basis of town planning. Given in alternate years.

2 hours conference per week, session. *Professor Dawson*

840. SUMMER ESSAY. See Course 830.

FOURTH YEAR (4A)

160. ARCHITECTURAL REPORT. Related to Course 163. Continuation of Course 146. *Professor Bland*

161. DESIGN, CLASS B. Recreation, transportation and hospital buildings (see third year Design, class A, 148).

15 hours problems per week, session. *Mr. Lebensold*

162. DESIGN WORKSHOP. Study of light in relationship to architecture; model-making for light experiments; photographic recordings; photograms. Design of structures to illustrate objects in spatial relationship; solid, linear and transparent objects.

3 hours per week, session. *Mr. Webber*

163. HISTORY OF RESIDENTIAL BUILDINGS. Primitive dwellings, ancient houses, mediæval houses, Jacobean and Palladian houses, early domestic buildings in America, modern houses and apartments. Course is related to Course 146.

2 lectures per week, session. *Professor Bland*

164. PLANNING. Elements of town planning; surveys of selected districts of Montreal. The course consists of environmental studies directed at a wider understanding of architectural and civic design.

2 lectures per week, session. *Professor Spence-Sales*

165.
166. } SKETCHING SCHOOL. Students are required to attend two sketching schools during their course. The school is usually conducted out of town so that students are given the opportunity of examining and making graphic records of an unfamiliar district. About 10 days; opening date for 1950-51, September 18, 1950.

Dr. Lismer, Messrs. Webber and Wilson

850. SUMMER ESSAY. See Course 830.

FIFTH YEAR (5A)

175. ARCHITECTURAL REPORT. Related to Course 179, *which see.* Continuation of Course 160, but the chosen subject should be related, as far as possible, to present-day problems. *Mr. Sise*

176. DESIGN, CLASS C. Complex buildings or groups of buildings usually including a housing problem and a commercial or a public building. Diploma design for graduation is done in the second term. The subject is selected by the student, but must be presented for approval before January 3rd each year; presentation must be in the form of a written report and preliminary plans.

24 hours problems per week, session. *Professors Bland and Spence-Sales*

177. DESIGN SEMINAR. Seminar for investigating physiological and psychological requirements in building.

Scientists working in physiology, psychology, and other fields provide definite information about human environmental needs. Technicians have made possible new methods to meet these needs. The architect should have an understanding of both needs and methods, in order to satisfy modern building problems. One week, a specific need will be studied. The following week, experts will answer the questions arising out of the previous week's study.

2 hours per week, first term. *Professor Bland and Visitors*

178. DESIGN WORKSHOP. Special experiments in which the individual student presents a subject as a model, such as a theatre stage, a small house, furniture, a mural, a pamphlet, etc.

3 hours per week, first term. *Mr. Webber*

179. HISTORY OF RELIGIOUS AND PUBLIC BUILDINGS. Temples, churches, cathedrals, palaces, theatres, and other monumental structures. Related to Course 160.

2 lectures per week, session *Professor Bland*

180. PROFESSIONAL PRACTICE. Essential characteristics and more important phases of the architect's work; relationship to the owner; responsibility; business conduct; fees; supervision; arbitration; issuing of certificates; competitions; standard forms of contracts; payment; liens; servitudes; public health; building regulations.

2 lectures per week, second term. *Mr. Johnson*

181. SPECIFICATIONS. Principles of writing architectural specifications; discussion of actual specifications; essays on common building materials; practice in specifying for common trades.

1 lecture per week, session. *Mr. Balharrie*

Textbooks: Sleeper, Architectural Specifications (Wiley); National Building Code (King's Printer); N.H.A. Specifications; Master Specifications (Home Owner's Loan Corp.).

860. SUMMER ESSAY. See Course 830.

DEPARTMENT OF CHEMICAL ENGINEERING

Professor	J. B. PHILLIPS, *Chairman*
Associate Professor	WILLIAM GAUVIN
Lecturer	G. E. CHARLES
Demonstrators	_____

THIRD YEAR (3M)

240. ENGINEERING PROBLEMS. Applications of physical and chemical principles to some fundamental problems in Chemical Engineering.

1 lecture and 2 hours problems per week, session. *Professor Phillips*

830. SUMMER ESSAY. (See page 1444.)

THIRD YEAR (3A)

260. CHEMICAL TECHNOLOGY. Technology of chemical industries: acids; alkalis; gases; organic synthesis and pressure processes; petroleum products; wood pulp and synthetic fibres; materials of construction; flow-sheets; economic principles.

2 lectures per week, session. *Professor Phillips*

Reference book: Shreve, Chemical Process Industries (McGraw-Hill).

264. ELEMENTARY CHEMICAL ENGINEERING. Stoichiometry, with applications in combustion and some manufacturing processes; thermodynamic properties of systems; physical chemistry of solutions; hydrostatics and fluid flow (correlated with Course 260).

2 lectures per week, session. *Professor Gauvin*

Textbook: Arnold, Chemical Engineering Stoichiometry (The Author).

266. INORGANIC CHEMICAL TECHNOLOGY. First term of Course 260.

2 lectures per week, first term. *Professor Phillips*

268. THERMODYNAMICS. The first law, including enthalpy balances, heats of reaction, flow processes; the second law; thermodynamic cycles and charts; elementary chemical reaction equilibria.

2 lectures per week, session. *Professor Gauvin*

Textbook: Weber, Thermodynamics for Chemical Engineers (Wiley).

270. SUMMER SCHOOL. Lectures and laboratory work in flow of fluids, heat transfer, evaporation, filtration, unit processes; technical analysis; shop practice.

840. SUMMER ESSAY. (See page 1444.)

FOURTH YEAR (4A)

280. CHEMICAL ENGINEERING (A). Study of unit operations based on thermodynamics: flow of gases and liquids; heat transfer; evaporation; dimensional analysis; nomographic charts; assigned problems.

3 lectures per week, session. *Professor Gauvin*

Textbook: Walker, Lewis, McAdams and Gilliland, Principles of Chemical Engineering (McGraw-Hill).

282. CHEMICAL ENGINEERING (B). Study of unit operations based on diffusional processes: absorption; extraction; distillation; drying; humidification; filtration; assigned problems.

3 lectures per week, session. *Professor Phillips*

Textbook: as for Course 280.

284. CHEMICAL ENGINEERING DESIGN. Methods and calculations in the design of chemical process equipment. Economic balance in processes.

1 lecture per week, session. *Professor Phillips*

286. CHEMICAL ENGINEERING LABORATORY. Experiments in the topics discussed in Courses 280 and 282, with reports; supervised problem periods in related work.

3 hours laboratory and 3 hours problems per week, session.

Mr. Charles and Demonstrators

288. THERMODYNAMICS. Advanced topics in refrigeration, power plant cycles, steam turbines and evaporation. Chemical reaction equilibria, equilibrium conversion, and estimation of equilibrium constants from thermal data.

2 lectures per week, session. *Professor Gauvin*

Reference book: Dodge, Chemical Engineering Thermodynamics (McGraw-Hill).

850. SUMMER ESSAY. (See page 1445.)

POSTGRADUATE COURSES

Graduates in Chemical Engineering may proceed, if their work has been of sufficiently high standard, to the Master's degree in Chemistry or in Chemical Engineering. See Announcement of the Faculty of Graduate Studies and Research.

DEPARTMENT OF CHEMISTRY

Professors	Otto Maass, *Chairman* W. H. Hatcher C. B. Purves C. A. Winkler
Associate Professors	J. H. Mennie R. V. V. Nicholls Alfreds Taurins
Assistant Professors	R. K. Holcomb A. S. Ross H. I. Schiff
Lecturers	_____
Demonstrators	_____

FIRST YEAR

902 (Arts and Science 11). GENERAL CHEMISTRY

General survey of chemical theory and of inorganic chemistry including atomic and kinetic theories, equivalent, atomic and molecular weights, gases, liquids, solids, solutions, ionization, oxidation and reduction, velocities of reactions, chemical equilibrium, heats of reaction, electromotive series, periodic table, preparation and properties of important elements and compounds.

2 hours, one tutorial and 3 hours laboratory, session.

Professors Hatcher and Holcomb

Textbook: Brinkley, Introduction to College Chemistry (Macmillan).

SECOND YEAR

922. (Arts and Science 24). ELEMENTARY PHYSICAL CHEMISTRY. A survey of physical chemical theory and experimental methods, with problems to illustrate physico-chemical principles and to provide practice in the handling of experimental data and dimensional units.

2 lectures and 1 hour problems per week, session.

Professor Schiff

Textbook: Maass and Steacie, Introduction to the Principles of Physical Chemistry, Second Edition (Wiley).

THIRD YEAR (3M)

942 (Arts and Science 23a). INORGANIC QUALITATIVE ANALYSIS AND LABORATORY. Reactions of electrolytes in solution in terms of ionization theory:

ionization constant; solubility product constant; common ion effect; formation and dissolution of precipitates; complex ions; amphoteric electrolytes; hydrolysis; systematic separation and identification of the common ions.

2 lectures and 6 hours laboratory per week, first term. *Professor Mennie*

Textbook: Curtman, Qualitative Chemical Analysis (Macmillan).

944 (Arts and Science 23b). INORGANIC QUANTITATIVE ANALYSIS AND LABORATORY. Theory of gravimetric and volumetric precipitation; theory of indicators and acid-base titrations; oxidation-reduction methods; simple gravimetric determinations; typical volumetric procedures including neutralization, precipitation and oxidation-reduction methods. All samples are solids which must be weighed and brought into solution by the student.

2 lectures and 9 hours laboratory per week, second term.
Professor Mennie

Textbook: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

946. INORGANIC QUANTITATIVE ANALYSIS LABORATORY. Theory of oxidation-reduction reactions; theory of electrolytic analysis; theory of buffer action and applications in systematic analysis; further volumetric and gravimetric procedures and the systematic analysis of limestone and brass. Four weeks' summer school. (See page 1441). *Professor Mennie*

Textbook: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

948 (Arts and Science 22). ORGANIC CHEMISTRY. Hydro-carbons, aliphatic, alicyclic and benzenoid; organic halides; alcohols; ethers; aldehydes and ketones including 1,4-addition and tautomerism; acids; esters including Claisen condensation, Michael condensation and malonic ester condensation; acid chlorides, anhydrides and amides; amines; cyanides and isocyanides; compounds containing sulphur; organo-metallic compounds; cis-trans isomerism; optical isomerism; electro-valence, covalence and coordinate-covalence.

2 lectures per week, session. *Professors Hatcher and Nicholls*

950 (Arts and Science 22). ORGANIC CHEMISTRY LABORATORY. Experiments illustrative of Course 948.

3 hours per week, session. *Professors Hatcher and Nicholls*

Laboratory text: Nicholls, An Introduction to Practical Organic Chemistry (Pitman).

THIRD YEAR (3A)

962 (Arts and Science 32). ADVANCED ORGANIC CHEMISTRY AND LABORATORY. Electronic character, methods of synthesis, physical, chemical and physiological properties of the principal bonds encountered in organic compounds; modern reaction mechanisms; interaction of functional groups; industrial applications of organic chemistry.

2 lectures and 6 hours laboratory per week, session. *Professor Nicholls*

964 (Arts and Science 35). CHEMICAL THERMODYNAMICS

2 lectures per week, session. *Professor Winkler*

Textbooks: Steiner, Introduction to Chemical Thermodynamics (McGraw-Hill); Lewis and Randall, Thermodynamics (McGraw-Hill).

966 (Arts and Science 40). CHEMISTRY AND TECHNOLOGY OF HIGH POLYMERS. Organic (carbon) and inorganic (silicon) polymers; nature of polymeric molecules; relationship between molecular structure and physical, chemical and mechanical properties; experimental methods for controlling and determining the structures of polymers; properties of commercially available materials; methods of fabrication.

1 lecture per week, session. *Professor Nicholls*

968 (Arts and Science 34L). ELEMENTARY PHYSICAL LABORATORY. Simple physico-chemical methods of investigating kinetic and thermodynamic properties of gases, liquids and solutions.

3 hours per week, session. *Professor Ross*

Textbook: Daniels, Matthews and Williams, Experimental Physical Chemistry 4th ed. (McGraw-Hill.)

970 INORGANIC QUANTITATIVE ANALYSIS AND LABORATORY. Theory of indicators and acid-base titrations; oxidation-reduction titrations; gravimetric and volumetric precipitation; representative laboratory procedures illustrating the above.

1 lecture and 6 hours laboratory per week, second term. *Professor Mennie*

Textbook: Kolthoff and Sandell, Quantitative Inorganic Analysis (Macmillan).

972 (Arts and Science 34). PHYSICAL CHEMISTRY. Kinetic theory of gases; mathematical deduction of fundamental relations for velocity, collision

frequency, viscosity, thermal conductivity, diffusion, etc.; discussion of imperfect gases.

1 lecture per week, session. *Professor Winkler*

Textbook: Loeb, Kinetic Theory of Gases (McGraw-Hill).

FOURTH YEAR (4A)

982 (Arts and Science 44). ADVANCED PHYSICAL CHEMISTRY. Chemical kinetics; factors affecting rates of homogeneous and heterogeneous reactions; activation energy theories of reaction mechanisms; phase rule.

2 lectures per week, first term; 1 lecture per week, second term.
Professors Winkler and Ross

Textbooks: Glasstone, Text-Book of Physical Chemistry (Van Nostrand).

984. ADVANCED PHYSICAL CHEMISTRY LABORATORY. Physico-chemical measurements related to the requirements of chemical engineering design and practice.

3 hours per week, session. *Professor Ross*

Textbook: Daniels, Matthews and Williams, Experimental Physical Chemistry (McGraw-Hill).

986. (Arts and Science 46). COLLOID CHEMISTRY. Descriptive thermo-dynamic and kinetic treatment of the properties of surfaces, sols, emulsions and gels.

1 lecture per week, session. *Professor Ross*

Reference books: Lewis, Squires and Broughton, Industrial Chemistry of Colloidal and Amorphous Materials (Macmillan); Weiser, Colloid Chemistry 2nd ed. (Wiley); Hartman, Colloid Chemistry 2nd ed. (Houghton Mifflin); Adam, Physics and Chemistry of Surfaces, 3rd ed. (Clarendon Press); Brunauer, Absorption of Gases and Vapors, Vol. I (Princeton Univ. Press).

988 (Arts and Science 47a). ELECTROCHEMISTRY. Electrolytic conduction and electrolysis; Faraday's laws; specific and equivalent conductance and measurement of conductance; mobility and transport number; theory of strong electrolytes; thermodynamics of cells; electrode potentials; concentration cells; liquid junction potentials; overvoltage and polarization phenomena, etc.

First term: 2 hours per week. *Professor Ross*

Textbooks: Glasstone, Introduction to Electrochemistry (Van Nostrand).

DEPARTMENT OF CIVIL ENGINEERING AND APPLIED MECHANICS

Professors	R. E. JAMIESON, *Chairman*
Professor (post-retirement)	R. DeL. FRENCH
Associate Professors	L. J. ARCAND CARLETON CRAIG J. L. DE STEIN
Assistant Professors	S. A. NEILSON ANDREJS PAKALNINS V. W. G. WILSON
Lecturers	D. F. COATES G. W. JOLY
Lecturers (Part-time)	W. S. MCILQUHAM J. G. SUTHERLAND
Demonstrators	

SECOND YEAR

320. ENGINEERING PROBLEMS. Application of mathematics and mechanics to simple scientific and engineering problems, with special attention to mathematical and graphical presentation of ideas, including elementary graphical statics.

3 hours per week, session. *Staff*

322. MECHANICS. Elementary dynamics of particles; rectilinear motion; projectiles; the inclined plane and pulleys; impulse, impact and momentum of streams of particles; energy; statics, including equilibrium of concurrent and non-concurrent co-planar forces; the funicular polygon; problems of simple beams and frameworks, with stress analysis by the method of sections.

2 lectures per week, session. *Professors de Stein and Neilson*

324. SURVEYING. Early practice and origin of instruments; the level—types and limitations; optics; direct and indirect levelling exercises; the compass and its uses; the transit—the vernier, horizontal and vertical angles, types of traverses, stadia; the chain and tape—uses and limitations; units of measurements; latitudes and departures; areas; simple circular curves.

2 lectures per week, second term. *Professor Arcand and Staff*

Textbook: Breed, Surveying (Wiley).

THIRD YEAR (3M)

340. DESCRIPTIVE GEOMETRY.

Fundamentals of orthographic projection; characteristics of lines and plane; plane figures and solids; auxiliary projections ; analytical solutions; dihedral angles; solutions on cones; structural and piping problems.

3 hours per week, session. *Professor Arcand*

342. MATERIALS OF ENGINEERING. An account of the sources, winning, general properties, trade practices and economics of both non-metallic and metallic materials and their products, used in engineering construction and in the manufacturing industries, with emphasis on those not discussed in more detail in subsequent courses.

1 lecture per week, session *Professors French, Jamieson, and Ogilvie*

Textbook: University notes.

344. MAPPING. Plotting from transit-and-chain and stadia notes taken in Course 352; earthwork calculations using the planimeter; inking, tinting and finishing map, with title, legend, north-point and border.

6 hours per week, first term. *Professor Arcand and Staff*

Textbook: Sloane and Montz, Elements of Topographic Drawing (McGraw-Hill).

346. MAPPING. Plotting from transit-and-chain and stadia notes; practice with planimeter.

3 hours per week, first term. *Professor Arcand and Staff*

Textbook: Sloane and Montz, Elements of Topographic Drawing (McGraw-Hill).

348. MECHANICS (Analytical). Equilibrium of forces; friction; graphical statics; bending moment and shear; analytical statics; relative velocities; variable rectilinear and curvilinear motion; simple harmonic motion with applications to pendulums and to springs; kinetic energy; liquid pressure; moments of inertia. Methods of the calculus are used freely.

2 lectures and 2 hours problems per week, session.
Professors de Stein, Wilson, and Neilson

Textbooks: Poorman, Applied Mechanics (McGraw-Hill); Girvin, Applied Mechanics (Int. Textbook Co.).

349. MECHANICS (Graphics). Graphical portion of Course 348.

350. SURVEYING. Adjustments of level and of transit; theory and use of the polar planimeter; latitudes and departures; areas; plotting co-ordinates; partition of land; missing sides; stadia surveying; cross-sections, grids and slope stakes; circular curves; vertical curves; the spiral; chaining errors and corrections.

2 lectures per week, first term. *Professors Arcand and Neilson*

Textbook: Breed, Surveying (Wiley).

Reference book: Davis and Foote, Surveying (McGraw-Hill).

352. SUMMER SCHOOL. Practice in chaining and taping; use of the level and of the transit; complete survey of a tract of land.

4 weeks' summer school in April and May. *Professor Arcand and Staff*

830. SUMMER ESSAY. (See page 1444).

THIRD YEAR (3A)

360. ELEMENTS OF STRUCTURAL DESIGN. Beams; plate girders; columns; roof trusses; rivetted and welded connections; timber structures; working drawings; estimating quantities and costs.

2 lectures and 2 hours problems per week, second term.

Professor de Stein

Textbooks: Williams and Harris, Structural Design in Metals (Ronald); Steel Construction (A.I.S.C.); Standard Specifications for Steel Structures for Buildings (C.S.A.).

362. FOUNDATIONS AND MASONRY. Design and construction of plain concrete; sub-surface data; combined stresses and theories of earth pressure; soil bearing data; piles and pile driving; retaining walls; footings; underpinning; coffer dams; caissons; quantity and cost estimates.

1 lecture per week, session; 3 hours problems per week, second term.

Professor de Stein

Textbook: Jacoby and Davis, Foundations of Bridges and Buildings (McGraw-Hill); Andersen, Substructure Analysis and Design (Irwin-Farnham).

364. HYDRAULICS AND LABORATORY. Properties of fluids; hydrostatics; measurement of flow with orifices, weirs and Venturi meters; Bernoulli's theorem; laminar and turbulent flow; flow in pipes and open channels; divided flow.

2 lectures per week, first term. *Professors Craig and Wilson*

3 hours laboratory per week, first term. *Professor Wilson and Staff*

Textbook: Ellis, Elements of Hydraulic Engineering (Van Nostrand).

368. MAP PROJECTIONS. Graphical determination of spherical triangles spherical projections; construction of maps.

1 lecture and 2 hours problems per week, first term.

370. MECHANICS. Translation and rotation of solids, including problems of rolling on plane surfaces; compound pendulums; reciprocating machinery with analysis of internal stresses; angular momentum and impact; introduction to the gyroscope with problems and examples of application.

2 lectures per week, first term. *Professor Jamieson*

Textbooks: Worthington, Dynamics of Rotation (Longmans Green); Poorman, Applied Mechanics (McGraw-Hill).

371. RAILWAY AND HIGHWAY ENGINEERING. a—Surveys; grades; curvature; earthwork; track; mechanical operation; economics of location and operation; location project and estimate based on summer survey. b—In addition, highway economics; elementary soil mechanics; paving materials and construction; lighting; incidental structures; safety.

2 lectures and 6 hours problems and laboratory, first term; 1 lecture and 3 hours problems, second term. *Professor Pakalnins and Mr. Sutherland*

Textbooks: Allen, Railway Curves and Earthwork (McGraw-Hill); Williams, Design of Railway Location (Wiley); Tratman, Railway Track and Trackwork (McGraw-Hill); Bruce, Highway Design and Construction (Int. Textbook Co.); University notes.

373. STRENGTH OF MATERIALS. Stress, strain, resilience and elastic properties of materials; bending moment and shear diagrams; simple, fixed and continuous beams; reinforced concrete beams; torsion and bending in shafts and springs; columns; bending combined with direct stress; elementary consideration of compound stresses; distribution of shear.

2 lectures per week, session. *Professors Jamieson and de Stein*

3 hours laboratory per week, second term. *Professor Wilson and Staff*

Textbook: Warnock, Strength of Materials, (Pitman).

Reference books: Morley, Strength of Materials (Longmans Green); Case, Strength of Materials (Arnold); Timoshenko-MacCullough, Elements of Strength of Materials (Van Nostrand).

376. SURVEYING AND ASTRONOMY. Surveying for construction; marine and box sextants; the alidade and its use; barometric and trigonometric levelling; hydrographic surveying; mine surveying; elements of geodetic

surveying; historical and practical astronomy; solution of the ZPS triangle for azimuth, latitude, longitude and time.

2 lectures per week, session. *Professor Arcand*

Textbooks: Davis and Foote, Surveying (McGraw-Hill); Hosmer and Robbins, Practical Astronomy (Wiley); Rayner, Advanced Surveying (Van Nostrand).

377. SUMMER SCHOOL. Preliminary railway or highway survey with transit, profile and topography parties; plane table, hand level and stadia; spiral curves; cross-sections; simple triangulation networks; reciprocal levelling; soundings; current-meter surveys; introduction to mine surveying; small geological survey with Brunton compass and chain; astronomical observations.

4 weeks' summer school in April and May. *Professor Arcand and Staff*

840. SUMMER ESSAY. (See page 1444).

FOURTH YEAR (4A)

380. BRIDGE DESIGN. Selection of bridge types; loading; stress calculations; selection and design of members and connections; working drawings; estimating quantities and costs.

2 lectures and 6 hours problems per week, session. *Professor de Stein*

Textbooks: Kirkham, Structural Engineering (McGraw-Hill); Williams and Harris, Structural Design in Metals, (Ronald).

380A. BRIDGE DESIGN. Similar to Course 380, but 3 hours problems in second term only. *Professor de Stein*

381. DYNAMICS AND VIBRATION. Rotating axes; Lagrange equations; kinematics of vibration; complex representation; damping; resonance; coupled systems.

3 lectures per week, second term, alternate years. *Professor Craig*

Reference books: Lamb, Dynamics (Cambridge); den Hartog, Mechanical Vibrations (McGraw-Hill); Timoshenko, Vibration Problems in Engineering (Van Nostrand); Von Karman and Biot, Mathematical Methods in Engineering (McGraw-Hill).

One of Courses 381 and 383 is given each year to both third- and fourth-year students in the applied mechanics option. The courses are given from the engineering point of view, with special attention to methods of approximation.

382. FOUNDATIONS AND REINFORCED CONCRETE. A continuation of Courses 374 and 390.

2 lectures per week and 3 hours problems per week, second term.

Professors de Stein and Jamieson

Textbooks: As specified for Courses 374 and 390.

383. FLUID MECHANICS. Dimensional analysis; kinematics of fluid flow; mechanics of resistance; boundary layers; open channel flow; dynamic lift and propulsion.

(*Given in 1952-53 and alternate years.*)

3 lectures per week, second term. *Professor Craig*

Reference books: Dodge and Thompson, Fluid Mechanics (McGraw-Hill; Rouse, Fluid Mechanics for Hydraulic Engineers (McGraw-Hill); Hunsaker and Rightmire, Engineering Applications of Fluid Mechanics (McGraw-Hill).

384. GEODESY. Adjustment and reduction of observations for horizontal and vertical control systems; figure of the earth; determination of azimuth, latitude and longitude; level datum planes; gravimetric surveys; errors of observation; elements of map projection.

Reference books: Hosmer, Goedesy (Wiley); Sharp, Geodetic Control Surveying (Wiley).

2 lectures per week, second term. *Professor Arcand*

385. GEODETIC LABORATORY. Measurement of magnifying power, of eccentricity of circles, and of small angles with sextant; determination of gravity, of error of run of theodolite microscopes, of constant of steel tapes, and of scale value of level vials; investigation of errors of graduation of steel bars and tapes and of transit circles; testing aneroid barometers.

3 hours per week, second term. *Professor Arcand*

386. HYDRAULIC MACHINES. Hydraulic problems in design and operation of hydro-electric projects; characteristics of impulse, reaction and propeller turbines; specific speed; unit power; reduction of model tests; flow measurements for tests; centrifugal pumps.

2 lectures per week, second term. *Professor Craig*

Textbooks: Russel, Hydraulics (Holt); Creager and Justin, Hydro-Electric Handbook (Wiley).

387. MUNICIPAL ENGINEERING. Basic engineering and biological principles of the design and construction of water supply and purification systems, and sewerage and sewage disposal works, with selected problems.

4 lectures per week, and 3 hours problems per week, first term.

Professor Pakalnins

Textbook: Steel, Water Supply and Sewerage (McGraw-Hill).

388. PHOTOGRAMMETRY AND LABORATORY. Perspective principles; terrestrial photogrammetry; iconometry; parallax and stereoscopy; surveying cameras; stereocomparison; measurement of angles from obliques; control methods; radial-line triangulation; rectification means; principles of stereoscopic plotting instruments.

2 lectures per week, second term; 3 hours laboratory per week, second term. *Professor Arcand*

Textbook: Handbook of aerial mapping and photogrammetry by L. G. Trorey (Macmillan Co. of Can.)

389. STRENGTH OF MATERIALS. (a) Floors and columns in reinforced concrete; critical study of standard specifications; footings; retaining walls. (b) Bending and deflection of beams loaded and supported in any manner; deflection due to shear; principle of least work applied to beams and to statically indeterminate problems; bending of curved bars and of unsymmetrical sections; elastic strains; relation between elastic constants; thick shells. Part (b) is optional for students in mechanical engineering.

1 lecture and 3 hours problems per week, first term; 2 lectures per week, second term. *Professor Jamieson*

Textbooks: Morley, Strength of Materials (Longmans Green); Case, Strength of Materials (Arnold); Timoshenko and Lessels, Applied Elasticity (W.T.N.S. Press); Sutherland and Reese, Reinforced Concrete Design (Wiley); Large, Basic Reinforced Concrete Design (Ronald); Standard Specifications for Concrete (C.S.A.).

390. STRENGTH OF MATERIALS. Section (a) of Course 389.

391. STRENGTH OF MATERIALS. Section (b) of Course 389.

392. THEORY OF STRUCTURES. Analysis of statically determinate frames under fixed or moving loads; influence lines; distortion of frames; braced arches of two and of three hinges; hingeless arches of reinforced concrete; moment distribution; continuous girders of constant and of variable moment of inertia; rigid frames; frames with redundant members.

1 lecture and 3 hours problems per week, first term; 2 lectures and 6 hours problems per week, second term. *Professor Jamieson*

Textbooks: Johnson, Bryan and Turneaure, Modern Framed Structures, Parts I and II (Wiley); Shedd and Vawter, Theory of Simple Structures (McGraw-Hill); Sutherland and Bowman, Structural Theory (Wiley).

393. WASTE DISPOSAL. Methods of collection and disposal of garbage, rubbish, ashes, etc.; relative advantages and disadvantages, economic and sanitary.

1 lecture per week, first term. *Professor Pakalnins*

Textbook: University notes.

Reference book: Refuse Collection Practice (Am. Pub. Wks. Assn.).

394. SUMMER SCHOOL. Practical engineering astronomy, with emphasis on the determination of latitude and azimuth; geodetic astronomy including Ball's method; precise levelling; precise triangulation, with related problems and base line measurements. Equipment available includes transits, precise and semi-precise levels, optical theodolites of various types, sextants, radio equipment for time signals, Monroe calculators.

4 weeks' summer school in April and May. *Professor Arcand and Staff*

850. SUMMER ESSAY. (See page 1445).

SURVEYING SUMMER SCHOOLS

Surveying field work is required of all students entering the third year, except those taking Chemical Engineering, of students entering the fourth year in the courses in Civil and in Mining Engineering, and of students entering the fifth year in Civil Engineering. The work will begin in 1951 on or about April 26th and will continue for four weeks.

Students entering third and higher years from other universities or from other faculties, who cannot attend the above courses in Field Work must attend Special Summer Schools, details of which are given on page 1441.

ECONOMICS, FINANCE, LAW

Professors K. F. BYRD
B. H. HIGGINS
F. C. JAMES

Lecturer G. S. CHALLIES

FIRST YEAR

1430 (Arts and Science 100). ECONOMIC HISTORY. Evolution of economic institutions; the ancient empires; economic and social aspects of the decline and fall of the Roman Empire; mediæval agrarian economy; fairs, towns and trading companies; mediæval money; the voyages of discovery; religion and the rise of capitalism; nationalism and mercantilism; the colonial system; the beginnings of modern banking; the great inventions and the factory system; North American industrial development; trade unions and the co-operative movement; legislative protection of the

worker; international finance; rise and fall of the gold standard; evolution of the central banking function; recent economic changes.

3 hours per week, session. *Professor James*

THIRD YEAR (3A)

1435. ENGINEERING ECONOMICS. An introduction to the general principles of economics, with emphasis on production and exchange. This course deals with the scope and method of economic analysis, the factors of production, forms of business organization and the functions of management, specialization, competition, monopoly, risk in industry and includes a brief review of money, credit and banking, and supply and demand analysis.

2 lectures per week, second term. *Professor Higgins*

Textbook: Bye, Principles of Economics (Crofts).

FOURTH YEAR (4A)

1437. ACCOUNTING. Basic principles of accounting; preparation of financial statements of business enterprises, their analysis and interpretation; preparation of simple statements of source and application of funds; important considerations in profit calculation, including methods of inventory valuation and provision for depreciation; introduction to cost accounting—material and labour costs and overhead expenses.

Textbook: Basic Accounting by Boyd and Dickey (Rinehart).

2 lectures per week, first term.

1470. ENGINEERING LAW. Definition of law; different branches of law; distinction between civil and criminal law and between civil and common law; statutes, orders in council and by-laws; Canadian constitutional law and courts; civil law including marriage, tutorship, minority and interdiction, types of property, types of ownership, successions and wills; expropriation and servitudes; contracts generally; responsibility for negligence; Workmen's Compensation Act; privileges, hypothecs, registration and prescription; marriage contracts and rights of women; sale and lease and hire; engineering and architectural contracts; responsibility of architect and builder; organization of engineering and architectural professions; patents, trademarks, industrial design and copyright; partnership, and companies; mining; railways; expert evidence.

1 lecture per week, session. *Hon. Mr. Justice Challies*

ELECTIVE COURSES IN FIRST YEAR

DEPARTMENT OF BOTANY

1400. (Arts and Science 11a) GENERAL BOTANY. The Seed Plant. The structure, functioning, and reproduction of higher plants, with an introduction to the major families of flowering plants and their economic significance.

2 hours lecture and 3 hours laboratory, per week, first term.
Professor S. M. Pady

1401 (Arts and Science 11b). GENERAL BOTANY. A survey of the Plant Kingdom. A study of representatives of the main plant groups on an evolutionary basis.

2 hours lecture and 3 hours laboratory per week, second term.
Professor R. D. Gibbs

DEPARTMENT OF CLASSICS

GREEK

1420 (Arts and Science 1). BEGINNERS' GREEK.

3 hours per week, session. *Professor McCullagh*

Textbooks: Rouse, A First Greek Course (Blackie); Colson, First Greek Reader (Macmillan).

1421 (Arts and Science 2). INTERMEDIATE GREEK.

3 hours per week, session. *Professor Carruthers*

Textbooks: Colson, Greek Reader; Lectures on Greek Literature.

LATIN

1425 (Arts and Science 1). BEGINNERS' LATIN.

3 hours per week, session. *Professor Counsell*

Textbook: Hettich and Maitland, Latin Fundamentals, Third Edition (Prentice-Hall).

1426 (Arts and Science 2). INTERMEDIATE LATIN.

3 hours per week, session. *Professor Gordon*

For those students only who have completed Latin 1 or its equivalent

Textbook: Hettich and Maitland, Latin Fundamentals, Third Edition.

1427 (Arts and Science 11). LATIN.

3 hours per week, session.

Textbooks: Ullmann, Henry and White, Third Latin Book (Macmillan); Bonner and Niddrie, Latin Prose Composition (Ginn).

DEPARTMENT OF ENGLISH

1440 (Arts and Science 100). ENGLISH LITERATURE AND COMPOSITION

Two hours of lectures and two of conferences per week, session.
Professor A. L. Phelps and Assistants

NOTE:—This course is compulsory for engineering students.

DEPARTMENT OF GEOGRAPHY

1000 (Arts and Science 12). (1) THE ELEMENTS OF PHYSICAL GEOGRAPHY. Scientific study of man's habitat; the course is divided into two main parts:

A. Lands and seas. Study of landscape evolution under different climates; general characteristics and circulation of ocean waters; distribution of plants and animals.

B. The atmosphere. Measurement of physical properties of atmosphere; weather processes; world climates, principal types, causes and characteristics; climatic control of human activity.

3 hours per week, session. *Professor J. B. Bird and Mr. W. F. Summers*

DEPARTMENT OF GERMAN

1450 (Arts and Science 3). GERMAN LANGUAGE (Beginners' Course).

3 hours per week, session. *Professor Bertha Meyer and Mr. V. R. Block*

Textbooks: Curts, Basic German, Revised Edition (Prentice-Hall, 1946); Fiedler and Sandbach, First Science Reader for German Students (Oxford Univ. Press).

1451 (Arts and Science 4). GERMAN SCIENCE READING COURSE. (Half course.)

1 hour per week, session. *Mr. V. R. Block*

Prerequisite: German 1 or German 3 or Matriculation in German.

Textbook: Curts, Readings in Scientific and Technical German (Holt).

DEPARTMENT OF HISTORY

1460 (Arts and Science 1). EUROPEAN CIVILIZATION IN THE MEDIÆVAL AND MODERN PERIODS

3 hours per week, session. *Professor C. C. Bayley*

1462 (Arts and Science 17). THE HISTORICAL BACKGROUND OF CONTEMPORARY EUROPE. *Professor H. N. Fieldhouse*

(*Not given in 1951-52.*)

1463 (Arts and Science 18). THE HISTORY OF DIPLOMACY, WITH SPECIAL REFERENCE TO BRITISH FOREIGN POLICY SINCE 1815.

Professor H. N. Fieldhouse

FACULTY OF MUSIC

The courses in Music are open to those who have the qualifications for the regular courses of Music given in the Faculty of Music. The first course of Music is for those who have offered Music as a Matriculation subject.

1480 (Arts and Science 1). FIRST COURSE

(a) Harmony.

The work covered is that required for the Intermediate Grade Theoretical Examination of the Local Centre Examinations. (See Announcement of the Faculty of Music.)

One hour per week, session.

Textbooks: MacPherson, Rudiments of Music (Williams); Kitson, Elementary Harmony, Part I (Oxford).

(b) Form and Analysis.

Phrase; sentence; sequence; cadence; accent; rhythm; time; melody; modulation; early dance forms; suites, with special consideration of the minuet and trio.

One hour per week, session.

Textbooks: MacPherson, Form in Music (Williams); MacPherson, Studies in Phrasing and Form (Williams); Morris, Structure of Music (Oxford).

(c) History (outline).

One hour per week, session.

Textbook: Finney, A History of Music (Harcourt-Brace).

(d) Aural Training.

Development of a mental appreciation of scale degrees; recognition of intervals and simple rhythms; quality of tone.

One hour per week, session.

Textbook: Champagne, Solfege Pratique, (Archambault).

Dean Douglas Clarke and Staff

DEPARTMENT OF ROMANCE LANGUAGES

NOTE:—For lists of textbooks used in French and Spanish courses, refer to the Announcement of the Faculty of Arts and Science.

FRENCH

Every lecture is given in French.

Both oral and written examinations are held on each year's work.

The oral examination counts for 50 per cent of the total mark.

1490 (Arts and Science French 12). (Ordinary)
1491 (Arts and Science French 11). (Advanced)

General survey of literature in the 18th and 19th centuries; French composition.

3 hours per week, session. *Professor H. Larivière and Staff*

1492 (Arts and Science French 23). COMMERCIAL, INDUSTRIAL, AND SCIENTIFIC FRENCH.

Open only to students who have passed French 1490 or its equivalent.

3 hours per week, session. *Professor Louis d'Hauteserve*

1493 (Arts and Science French 13). A special course for students not intending to continue French beyond the first year. General survey of French civilization. Readings in modern literature and composition.

3 hours per week, session. *Professor L. d'Hauteserve and Staff*

SPANISH

1495 (Arts and Science Spanish 11)

Grammar; reading and dictation; oral exercises and composition.

3 hours per week, session. *Professor Robina E. Henry and Mr. G. F. Stegen*

DEPARTMENT OF ZOOLOGY

1410 (Arts and Science 11a). THE ANIMAL KINGDOM (Half Course). The nature and evolution of the animal world, with emphasis upon types, environments, adaptation and evolutionary processes.

3 hours lectures and 2 hours laboratory per week, first term.
Professor N. J. Berrill

Textbook: Buchsbaum, Animals without Backbones (Univ. Chicago Press).

1411 (Arts and Science 11b). MAN AND HIS EVOLUTION. The zoological history of man as a vertebrate animal; an elementary study of the structure and physiology of man, with a review of the evolutionary processes which have produced modern man.

3 hours lectures and 2 hours laboratory per week, second term.
Professor John Stanley

Textbook: Hegner, College Zoology, 5th Edition (Macmillan).

DEPARTMENT OF ELECTRICAL ENGINEERING

Professor	G. A. WALLACE, *Chairman*
Professor (post-retirement)	C. V. CHRISTIE
Associate Professors	R. A. CHIPMAN
	F. S. HOWES
	W. H. SCHIPPEL
Lecturers	G. W. FARNELL
	A. I. GORDON
	T. J. F. PAVLASEK
Demonstrators	

THIRD YEAR (3M)

440. ELECTRICAL ENGINEERING. An introduction to Course 460.

2 lectures and 3 hours problems per week, second term.

Professor Wallace

830. SUMMER ESSAY (see page 1444).

THIRD YEAR (3A)

442. ELEMENTS OF ELECTRICAL ENGINEERING. Construction, principles of operation and characteristic curves of both direct- and alternating-current generators and motors; single-phase, two-phase and three-phase machinery; direct-current and alternating-current transmission and distribution; transformers with star and delta connections; correction of power factor; rectifiers.

2 lectures per week, session. *Professor Wallace*

Textbook: Gray and Wallace, Principles and Practice of Electrical Engineering (McGraw-Hill).

444. ELECTRICAL ENGINEERING LABORATORY. Operating characteristics of direct-current and of alternating-current generators and motors; transformers; circuits containing resistance, inductance and capacitance: series and parallel resonance; power-factor correction.

3 hours per week, session. *Professor Wallace and Staff*

460. ELECTRICAL ENGINEERING. Direct- and alternating-current flow in circuits, with an introduction to circuit analysis; review of the laws of electromagnetism and of electric and magnetic fields; theory and operating characteristics of direct-current machinery; principles of alternating-current machinery.

4 lectures per week, first term, 3 lectures per week, second term.

Professor Christie

Textbook: Christie, Electrical Engineering (McGraw-Hill).

462. ELECTRICAL ENGINEERING LABORATORY. Operating characteristics of direct-current and alternating-current generators and motors and control devices; measurement of voltage, current, power, etc., in both direct- and alternating-current circuits; circuit characteristics.

6 hours laboratory and 6 hours problems per week, first term; 6 hours laboratory and 3 hours problems per week, second term.

Professor Wallace and Staff

464. ELECTRICAL ENGINEERING LABORATORY. Similar to Course 462, but

9 hours per week, first term, and 6 hours per week, second term.

Professor Wallace and Staff

466. ELECTRON TUBES AND CIRCUITS. Theory and operating characteristics of high-vacuum and gas-filled tubes; applications to rectifiers, amplifiers and oscillators; resonance phenomena and coupled-circuit theory.

2 lectures per week both terms, and 3 hours laboratory per week, second term. *Professor Chipman*

Textbook: Ryder, Electronic Fundamentals and Applications (Prentice Hall).

840. SUMMER ESSAY (see page 1444).

FOURTH YEAR (4A)

480. COMMUNICATION ENGINEERING (WIRE). Steady-state solution of uniform alternating-current transmission line; special terminations; velocity of propagation; transmission and insertion loss; reflection; hyperbolic functions of complex quantities; distortion and its control; loading of cable circuits; cut-off frequency; telephone repeaters; carrier telephony; modulation; side bands; demodulation; noise meter; T.I.F. meter; cross talk; co-ordinated transpositions; residual voltages and currents on power lines; transient inductive interference.

2 lectures per week, first term. *Professor Wallace*

481. INDUSTRIAL ELECTRICAL ENGINEERING. Electrical installations for buildings and plant; selection of electric motors and devices; manual and automatic control; standardization and the Canadian Electrical Code; underground cables and conduits.

2 lectures per week, first term. *Professor Schippel*

Reference book: Standard Handbook (McGraw-Hill).

482. ELECTRICAL DESIGN. Principles of design of direct-current generators and motors and of alternating-current generators, motors and transformers; preparation of practical designs and determination of characteristics.

1 lecture and 3 hours problems per week, session. *Professor Schippel*

Textbook: Gray, Electrical Machine Design (McGraw-Hill).

483. ELECTRICAL DESIGN. Similar to Course 482, but given for students in the communications option.

1 lecture and 3 hours problems per week, first term. *Professor Schippel*

484. ELECTRICAL ENGINEERING. Theory and operating characteristics of alternating-current machinery; theory and operating characteristics of power transmission lines and systems; method of symmetrical components applied to the determination of unbalanced fault current in power systems.

4 lectures per week, session. *Professor Christie*

Textbook: Christie, Electrical Engineering (McGraw-Hill).

484C. ELECTRICAL ENGINEERING. Similar to course 484 but reduced in the second term to 2 hours per week. *Professor Christie*

485. ELECTRICAL ENGINEERING. First term only of Course 484.

4 lectures per week, first term. *Professor Christie*

Textbook: Christie, Electrical Engineering (McGraw-Hill).

486. ELECTRICAL ENGINEERING LABORATORY AND PROBLEMS. Alternating-current generators; synchronous motors; induction motors; transformers; compensators; frequency and phase changing apparatus; potential regulators, saturable reactors, electronic rectifiers, timers, phototube control, and voltage regulators.

9 hours per week, first term; 12 hours per week, second term, power option. *Professor Schippel and Staff*

487. ELECTRICAL ENGINEERING LABORATORY. Similar to Course 486 but reduced in time to 3 hours per week, first term. *Mr. Gordon*

488. ELECTRICAL ENGINEERING LABORATORY. Similar to Course 486 but 6 hours per week, session, and given for students in the communications option. *Mr. Gordon*

489. ELECTRICAL MEASUREMENTS AND LABORATORY. Units; absolute measurement of current and resistance; standard cells; direct-current potentiometers; primary standards of mutual and self inductance; methods of constructing bridges and of obtaining multiples and submultiples of primary standards; alternating-current bridges; shielding; detectors; alternating-current potentiometers; absolute measurement of capacitance; measurement of magnetic flux; instrument transformers; meters; photometry.

2 lectures and 2 hours laboratory per week, first term; 3 hours laboratory per week, second term. *Professor Wallace and Staff*

490. ELECTRICAL SERVICES. Production, measurement, and control of light; design of lighting systems; electrical distribution in residential and commercial buildings; Canadian Electrical Code. Given in alternate years.

2 lectures per week, second term. *Professors Wallace and Schippel*

491. INDUSTRIAL ELECTRONICS. The application of electron tubes to rectification, inversion, timers, relays, stroboscopes, line-voltage and motor-speed control and regulation, resistance welding, induction and electrostatic heating, industrial process control, etc.

2 lectures per week, second term. *Professor Wallace*

Textbook:

492. POWER CONTROL AND PROTECTION. Electrical power generating plant; distribution by radial feeders and networks; street lighting; circuit breaker operation; service continuity and relay protection; miscellaneous applications of electricity.

3 lectures per week, second term. *Professor Schippel*

Reference Book: Electrical Transmission and Distribution Reference Book (Westinghouse).

493. RADIO DESIGN. Design theory and calculations for class B and class C power amplifiers, phasing and matching networks, receiver circuits and simple directional antenna arrays.

1 hour lecture and 3 hours problems per week, second term.
Professor Howes

494. RADIO ENGINEERING. Radio communication theory and practice; radio-frequency amplifiers; modulation; demodulation; frequency-conversion; antennas; radiation and wave propagation.

2 lectures per week, session. *Professor Howes*

495. RADIO ENGINEERING LABORATORY. Radio-frequency amplifiers; studies of feed-back and cathode-follower amplifiers; adjustment and testing of power oscillators and radio receivers; measurement of per cent modulation and distortion; study of demodulation; radio-frequency lines, and filter networks; measurements on Lecher wires; impedance matching; loop and dipole antenna studies; acoustical measurements; theory and use of audio and radio-frequency bridges and Q meter.

6 hours per week, session.
Professors Howes and Chipman, and Mr. Pavlasek

496. RADIO-FREQUENCY TRANSMISSION LINES AND WAVE GUIDES. The application of transmission-line theory to open-wire and coaxial radio-frequency lines; use of line sections as tuned-circuit elements and as components of matching networks; measurement of complex impedances at ultra-high frequencies; theory and use of transmission-line charts; introduction to electromagnetic theory and properties of wave guides.

2 lectures per week, second term. *Professor Chipman*

497. APPLIED ACOUSTICS. General theory of sound waves; the wave equation; sound in pipes; impedance concept as applied in acoustics; theory and applications of sound filters; horns, exponential and conical; horn-type and cone-type loud speakers; impedance matching and sound distribution in public-address systems; microphones; reciprocity theorem as applied in acoustics; acoustic impedance measurements; reflection, refraction, transmission, and absorption of sound waves; room acoustics.

2 lectures per week, second term. *Professor Howes*

850. SUMMER ESSAY (see page 1445).

ENGINEERING PRACTICE

Lecturer in Oral English A. ROBERT GEORGE
Lecturer in Reports S. A. NEILSON

A series of related courses designed to acquaint the student with the background of his profession, its relation to others and its place in society, with some consideration of matters not discussed in the professional courses.

SECOND YEAR

1462. HISTORY OF SCIENCE. Birth and development of the fundamental physical sciences, their relation to engineering and the development of engineering as a profession.

1 lecture per week, session.

THIRD YEAR (3M)

1445. ENGINEERING REPORTS. Use of English, both oral and written, in engineering practice; mechanics of presentation; graphical representation; reproduction methods.

1 lecture per week, session. *Dr. George, and Professor Neilson*

THIRD YEAR (3A)

1434. ENGINEERING REPORTS. Continuation of Course 1445.

1 lecture per week, session *Dr. George and Professor Neilson*

DEPARTMENT OF GEOLOGICAL SCIENCES

Professors	JOHN J. O'NEILL, *Chairman*
	T. H. CLARK
	J. E. GILL
	E. H. KRANCK
Associate Professor	J. S. STEVENSON
Assistant Professor	J. E. RIDDELL
Demonstrators	_____

THIRD YEAR (3M)

1122 (Arts and Science 121). GENERAL GEOLOGY. The earth and the solar system; minerals and rocks composing the earth: erosive forces (weather, wind, rivers, waves, etc.) modifying its surface, and deformative processes (temperature changes, compression, etc.) affecting its subsurface structure; the origin and historical development of the earth and of living things. The economic aspects of all phases of the subject are treated throughout the course.

2 lectures and 2 hours laboratory per week, session. During the first few weeks the laboratory work is replaced by field excursions.

Professor Clark

Textbook: Longwell, Knopf, and Flint, Physical Geology (Wiley), 1948.

1124 (Arts and Science 221). MINERALOGY. Lectures: physical properties and chemical composition of minerals; crystallography; the more important ore-minerals; industrial minerals; rock-forming minerals; uses and sources of supply of economic minerals. Laboratory: methods for the determination of the constituents of minerals by blowpipe analysis and by related chemical tests; application of these plus physical characters in the identification of minerals.

2 lectures and 3 hours laboratory per week, session. *Professor Stevenson*

Text: Dana (Hurlbut) Manual of Mineralogy (Wiley), *or* Kraus, Hunt and Ramsdell, Mineralogy 1936 (McGraw-Hill).

THIRD YEAR (3A)

1142 (Arts and Science 221). MINERALOGY. Same as Course 1124 except for laboratory.

2 lectures per week, session and 3 hours laboratory per week, first term. *Professor Stevenson*

1144 (Arts and Science 332a). PETROLOGY. The common igneous sedimentary and metamorphic rocks; modes of occurrence; identification by field methods.

2 lectures and 3 hours laboratory per week, first term. *Professor Kranck*

Textbook: Pirsson and Knopf, Rocks and Rock Minerals (Wiley).

1145 (Arts and Science 231a). FIELD GEOLOGY. Surface and underground geological field survey methods. Preparation of geological maps, sections, models and reports from field notes, diagrams, aerial photographs, etc.

First term: 1 lecture and 2 laboratory periods per week. During the first 6 weeks the laboratory work is replaced by field work *Professor Riddell*

Reference books: Lahee, Field Geology (McGraw-Hill); McKinstry, Mining Geology (Prentice-Hall).

1146 (Arts and Science 231b). STRUCTURAL GEOLOGY. A systematic survey of rock structures, their origins and practical importance.

2 lectures and 3 hours laboratory per week, first term. *Professor Gill*

Reference book: Billings, Structural Geology (Prentice-Hall).

1148 (Arts and Science 10b). PETROGRAPHY. The examination and identification of rock minerals and rocks by means of the petrographic microscope.

2 lectures and 1 laboratory period per week, second term. *Professor Kranck*

Textbook: Rogers & Kerr, Optical Mineralogy.

FOURTH YEAR (4A)

1160 (Arts and Science 442b). GEOLOGY AND NATURAL RESOURCES OF CANADA. A systematic survey of the surface features, soils, bedrock geology, mineral resources, forests, water powers and other minor resources of Canada. Maps and photographs are used to illustrate the course.

2 lectures and 3 hours laboratory per week, second term. *Professor Gill*

1162 (Arts and Science 8). ORE DEPOSITS. Nature, origin, mode of occurrence and classification of deposits of metallic and non-metallic minerals; typical occurrences; geographical distribution.

2 lectures per week, session; 3 hours laboratory per week, second term. *Professor O'Neill*

Reference books: Emmons, Principles of Economic Geology (McGraw-Hill); Bateman, Economic Mineral Deposits (Wiley).

DEPARTMENT OF MATHEMATICS

Professors — Herbert Tate, *Chairman*; P. R. Wallace; W. L. G. Williams; Hans Zassenhaus

Associate Professors — Charles Fox; E. M. Rosenthall

Assistant Professors — J. D. Jackson; Joachim Lambeck; T. F. Morris; C. D. Solin

Lecturers

Olgierd Biberstein; M. D. Burrow; Mrs. I. S. Macquarrie; Samuel Melamed; N. E. Smith

FIRST YEAR

1200 (Arts and Science 11). TRIGONOMETRY, ALGEBRA, AND ANALYTICAL GEOMETRY.

PLANE TRIGONOMETRY. Radian measure, logarithms, definitions of the trigonometrical functions, relations between the trigonometrical functions, reduction of angles, addition formulae, transformations of sums and products, logarithmic solution of triangles, problems in heights and distances, inverse functions, solution of trigonometric equations, graphs.

ALGEBRA. Variation, progressions, permutations and combinations, mathematical induction, binomial theorem, theory of quadratic equations.

ANALYTIC GEOMETRY. The analytic geometry of the straight line and circle.

3 lectures per week, session. *Staff*

Textbook: H. Tate, Elementary Mathematical Analysis (Pitman).

1202. ENGINEERING PROBLEMS. Problems and exercises in practical computations on course 1200 involving the slide rule, logarithms, approximations, graphs, etc.

2 hours per week, session. *Staff*

SECOND YEAR

1220. ALGEBRA. Complex numbers, remainder theorem, partial fractions, interest, annuities, sinking funds, depreciation, valuation of mining property, bonds.

2 lectures per week, first term. *Staff*

1222. ANALYTIC GEOMETRY. Conic sections and their simple properties, introduction to three-dimensional analytic geometry, polar co-ordinates, parametric representation with applications to some elementary notions in statistics such as averages, standard deviation, coefficients of variation and correlation, determination of lines of best fit.

2 lectures per week, session. *Staff*

Textbook: Robin Robinson, Analytic Geometry (McGraw-Hill).

1224. CALCULUS. Functional notation; limits; differentiation of elementary functions; maxima and minima; geometric applications; differentials; integration of standard functions; definite integrals; geometrical and physical applications.

3 lectures per week, session. *Professor Solin and Staff*

Textbook: Smith, Salkover, and Justice, Calculus (Wiley).

1226. MENSURATION AND SPHERICAL TRIGONOMETRY. Simple geometrical properties of lines, planes and spheres, solid angles, dihedral angles and spherical triangles; the mensuration of the simpler rectilinear solids, cylinders, cones and spheres. The sine and cosine laws, half-angle formulae, Napier's analogies, solution of oblique triangles, applications to astronavigation, Napier's rule of circular parts for right-angled triangles, law of species, solution of right-angled triangles.

2 lectures per week, second term. *Staff*

THIRD YEAR (3M)

1240. ADVANCED CALCULUS. Parametric equations; formulæ and methods of integration with applications to centre of gravity and moment of inertia, etc.; polar co-ordinates; complex numbers; vectors in three dimensions, with applications to geometry and mechanics; partial differentiation, including Jacobians and transformations to spherical and cylindrical co-ordinates; infinite series; Fourier series; line, surface and volume integrals; Green's and Stokes' theorems.

3 lectures per week, first term; 2 lectures per week, second term. *Professor Rosenthall*

Textbooks: Smith, Salkover, and Justice, Calculus (Wiley); Franklin, Methods of Advanced Calculus (McGraw-Hill).

1242. CALCULUS. Curvature; partial differentiation; double and triple integrals with application to volumes, moments of inertia, etc.; Taylor's theorem; exponential and logarithmic series; hyperbolic functions; vectors.

2 lectures per week, session. *Professor Rosenthall and Staff*

Textbook: Smith, Salkover, and Justice, Calculus (Wiley).

1244. DIFFERENTIAL EQUATIONS. Ordinary differential equations, especially with constant coefficients; simultaneous equations; elements of partial differential equations; separation of variables; use of Fourier series; Bessel functions; applications to physics, chemistry and engineering.

1 lecture per week, first term; 2 lectures per week, second term.

Professor Rosenthall

Textbooks: Franklin, Methods of Advanced Calculus (McGraw-Hill); Kells, Elementary Differential Equations (McGraw-Hill).

1246. NOMOGRAPHY. Nomographic representation of formulæ and solution of equations.

1 lecture per week, session. *Mr. Burrow*

1248. PROBLEMS IN MATHEMATICS AND PHYSICS. Selected problems and conferences.

3 hours per week, session. *Staff*

THIRD YEAR (3A)

1260. DIFFERENTIAL EQUATIONS. Ordinary differential equations; methods of solution; elementary functions in complex variables; linear differential equations, especially with constant coefficients; vibration and electric circuit problems; setting up equations; solution by series and introduction to partial differential equations.

2 lectures per week, session. *Professors Rosenthall and Jackson*

Textbook: Kells, Elementary Differential Equations (McGraw-Hill).

1264. THEORY OF FUNCTIONS (Engineering Applications). Conformal mapping. properties of analytic functions; residues; Cauchy's theorem; contour integrals; applications to ordinary and partial differential equations.

1 lecture and 1 hour problems, session. *Professor Fox*

Textbook: R. V. Churchill, Introduction to Complex Variables and Applications (McGraw-Hill).

1268 (Arts and Science 31). STATICS, DYNAMICS OF A PARTICLE AND RIGID DYNAMICS. (Same as Course 1368.)

(a) Dynamics of a particle in one and two dimensions; motion of pair of particles; dynamics of rigid bodies; mass systems.

3 lectures per week, first term. *Professor Terroux*

(b) Central orbits; elements of rigid dynamics in three dimensions; Lagrange's equations; oscillations about equilibrium positions.

3 lectures per week, second term. *Professor Wallace*

Textbooks: (a) Lamb, Statics (C.U.P.); Lamb, Dynamics (C.U.P.); (b) Slater and Frank, Mechanics (McGraw-Hill).

Reference book: Synge and Griffith, Principles of Mechanics (McGraw-Hill).

FOURTH YEAR (4A)

1290 (Arts and Science 41). MATHEMATICAL PHYSICS. (Same as Course 1390.) Potential theory; conduction of heat; diffusion; vibration problems; acoustics; elasticity; theory of the origin of spectra; calculations in nuclear-physics.

3 hours per week, session. *Professors Wallace and Foster*

Reference books: Joos, Theoretical Physics (Blackie); Page, Introduction to Theoretical Physics (Van Nostrand); Slater and Frank, Introduction to Theoretical Physics (McGraw-Hill); Houston, Introduction to Mathematical Physics (Longmans).

DEPARTMENT OF MECHANICAL ENGINEERING

Professor	C. A. ROBB, *Chairman*
Associate Professors	W. BRUCE
	D. L. MORDELL
	P. M. STAFFORD
	J. M. WHITE
Assistant Professors	B. C. GLYNN
	A. G. LANE
Lecturers	T. KOWALSKI
	J. J. LEE
	E. M. SILVER
Lecturers (part-time)	P. COVO
	M. M. FAINSTAT
	S. W. GREENWOOD
	S. LEVINE
	J. STACHIEWICZ
Demonstrators	
Shop Instructor	F. G. CORRICK

FIRST YEAR

511. MECHANICAL DRAWING. Use of instruments; lettering; inking technique; applied geometry; dimension practices; multiplane orthographic views; technical sketching.

3 hours per week, session. *Professor Glynn*

Textbook: French, Engineering Drawing 7th edition (McGraw-Hill).

SECOND YEAR

521. MECHANICAL DRAWING (Continuation of course 511). Detail working drawings; sections; auxiliary views; developments and intersections of surfaces; dimensioning of working drawings; conventional practices; pictorial projections; working sketches; screw-thread representation.

3 hours per week, session. *Professor Glynn*

Textbook: French, Engineering Drawing 7th edition (McGraw-Hill).

522. DESCRIPTIVE GEOMETRY. Fundamentals of orthographic projection; characteristics of lines and planes; plane figures and solids; auxiliary projections; analytical solutions; dihedral angles; solutions on cones; structural and piping problems.

1 lecture and 2 hours drafting room per week, session. *Professor Glynn*

THIRD YEAR (3M)

540. MECHANICAL DRAWING (Half of Course 541).

3 hours per week, first term. *Professor Glynn*

Textbook: French, Engineering Drawing, 7th Edition (McGraw-Hill).

541. MECHANICAL DRAWING. Detail working drawings from assembly layouts. Assembly drawings from sets of details. Assembly drawing technique, bills of materials, sub-assemblies. Tolerances and limit dimensions, welding symbols, etc. Sheet metal formed parts and faired bodies. Structural draughting practices and piping layouts.

3 hours per week, session. *Professor Glynn*

Textbook: French, Engineering Drawing, 7th Edition (McGraw-Hill).

542. MECHANICS OF MACHINES. Constrained motion; instant centers; centrodes; analysis and classification of simple mechanisms, including the quadric-crank, the slider-crank and wheel trains; design of involute gear teeth; belts and flexible couplings; cam design.

1 lecture, 3 hours problems per week, second term. *Professor A. G. Lane*

Reference books: Ham and Crane, Mechanics of Machinery (McGraw-Hill); Guillet, Kinematics of Machines (Wiley).

830. SUMMER ESSAY (see page 1444).

THIRD YEAR (3A)

560. ACCOUNTING. General accounting principles and practice; financial statements; balance sheet; profit and loss statement; interpretation of

statements; cost accounting; job-lot and process cost systems; costing points; by-product and joint costs; differential costs; cost estimating.

1 lecture and 3 hours problems per week, session. *Professor White*

Textbook: Specthrie, Industrial Accounting (Prentice Hall).

561. INDUSTRIAL ENGINEERING. Rise of modern industry; the industrial revolution; mechanization, standardization and specialization in industry; forms of ownership; organization, location and layout of industrial plants; purchasing; stores keeping; inspection; costs; depreciation; wage systems.

2 lectures per week, first term. *Professor White*

Textbook: Bethel et al, Industrial Organization and Management (McGraw-Hill).

562. MACHINE DESIGN. This course shows the application of the theory of strength of materials to the design of machine elements: principles of rational design; stresses in elementary machine members; shafts; helical springs; bearings; fastenings; centrifugal loading; metal fits; empirical factors in design.

2 lectures per week, session. ————

Reference books: Vallance & Doughtie, Design of Machine Members (McGraw-Hill); Black, Machine Design (McGraw-Hill); Spotts, Design of Machine Elements (Prentice-Hall).

563. MACHINE SHOP. Lathe work; marking off; centering; turning and boring; filing; grinding; screw cutting; differential indexing.

3 hours per week, session. *Mr. Corrick*

564. MECHANICS OF MACHINES. Mechanics of reciprocating engines—crank-effort diagrams, flywheel calculations, shaking-force diagrams and engine balancing; functions and dynamics of governors, mechanical and hydraulic; simple valves and valve diagrams; friction and lubrication.

2 lectures and 1 hour problems per week, session. ————

Reference book: Ham and Crane, Mechanics of Machinery (McGraw-Hill).

565. ELEMENTARY DESIGNING. Elementary design problems involving the application of strength of materials to the design of machine elements. A project covers layout, foundations, detail and assembly drawings and elementary design computations.

3 hours per week, session. *Professor Stafford*

Reference books: Marks, Mechanical Engineers Handbook (McGraw-Hill) *or* Kent, Mechanical Engineers Handbook, Design and Shop Practice, Volume III (Wiley).

566. MECHANICAL ENGINEERING. Elementary thermodynamics; properties of steam; fuels and combustion; steam power plants; steam generators, types, design, rating and efficiency; heat reclaiming devices; superheaters; fuel burning equipment; pulverized coal systems; draft; condensers; pumps; reciprocating steam engines; steam turbines; internal combustion engines; gas turbines; fans, blowers and compressors.

2 lectures per week, session. *Professor Bruce*

Reference books: Solberg, Cromer and Spalding, Elementary Heat Power (Wiley); Allen and Bursley, Heat Engines (McGraw-Hill); MacNaughton, Elementary Steam Power Engineering (Wiley); Faires, Theory and Practice of Heat Engines (Macmillan).

567. MECHANICAL ENGINEERING. First half of Course 566.

2 lectures per week, first term. *Professor Bruce*

568. MECHANICAL ENGINEERING. This course serves as an introduction to the fourth year course in power plant design. The content is similar to that of Course 566, with greater emphasis on power plant engineering practice. Illustrative problems are solved by the student during a weekly problem period.

2 lectures and 1 hour problems per week, session. *Professor Robb*

Textbook: MacNaughton, Elementary Steam Power Engineering (Wiley).

Reference books: Solberg, Cromer, and Spalding, Elementary Heat Power (Wiley); Allen and Bursley, Heat Engines (McGraw-Hill).

569. MECHANICAL ENGINEERING LABORATORY. Testing, calibration and use of indicators, brakes and other instruments; properties of lubricants; tests of economy and performance of steam engine, boiler, oil engines, air compressor, steam pump and steam turbine; heat emission from steam radiator; heat loss from lagged steam pipe; proximate analysis and calorific value of coal; flue-gas analysis; combustion calculations.

3 hours per week, session. *Professor A. G. Lane*

Reference books: Diederichs and Andrae, Experimental Engineering (Wiley); Shoop and Tuve, Mechanical Engineering Practice (McGraw-Hill).

570. THERMODYNAMICS. General laws and equations; properties of gases and vapours; the Carnot principle; the concent of entropy; applications to steam engines, steam turbines, internal combustion engines, gas turbines, gas compressors and mechanical refrigeration.

2 lectures per week, session. *Professor Bruce*

Reference books: V. W. and G. A. Young, Elementary Engineering Thermodynamics (McGraw-Hill); Faires, Applied Thermodynamics (Macmillan); Keenan and Keyes, Properties of Steam (Wiley).

572. SUMMER SCHOOL. Elementary machine shop practice; bench work; lathe work; demonstrations of drilling, shaping and milling operations.
Mr. Corrick

574. SUMMER SCHOOL. Drawing of machine elements; sketching, detailing, tracing. *Professors Stafford and Glynn*

Textbook: French, Engineering Drawing (McGraw-Hill).

Courses 572 and 574 together occupy four weeks in September preceding the third year (3A).

840. SUMMER ESSAY (see page 1444).

FOURTH YEAR (4A)

580. APPLIED GAS DYNAMICS. Principles of similarity applied to fluid flow; Reynolds and Mach numbers; the flow of a compressible fluid; nozzle and duct design; vortex flows and their application to flow in an annulus; general theory of turbo machinery and application to the design of steam and gas turbines, axial and centrifugal compressors.

1 lecture per week, session. *Professor Mordell*

Reference books: Dodge and Thomson, Fluid Mechanics (McGraw-Hill); Prandtl, Physics of Solids and Fluids (Blackie); Church, Steam Turbines (McGraw-Hill).

581. DESIGNING. Design projects covering analysis, layout and design of a complete machine, sub-assemblies and details of individual parts. Introduction to general engineering office practice and routine.

1 lecture and 2 hours drafting per week, session. *Professor Stafford*

Reference books: Norman, Ault and Zarobsky, Fundamentals of Machine Design (Macmillan); Marks, Mechanical Engineers Handbook (McGraw-Hill) or Kent, Mechanical Engineers Handbook—Design and Shop Practice, Volume III (Wiley).

582. EXPERIMENTAL ENGINEERING. Calibration and use of instruments; measurement of pressure, of temperature and of power; test methods; test techniques and methods of expressing results; graphical representation and errors.

1 lecture per week, session. *Professor Mordell*

Reference book: Diederichs and Andrae, Experimental Engineering (Wiley).

583. HEATING AND VENTILATION OF BUILDINGS. Heat loss from buildings; radiation, conduction and convection; heat insulating materials, radiators, convectors, panel heating and unit heaters; distribution systems; air,

steam and hot water furnaces; fuels; heating load and requirements; properties of air; effective temperature; low temperature radiation; air conditioning, filters, washers and humidifiers; cooling; fans; automatic control.

1 lecture per week, session, and 3 hours laboratory per week, second term. *Professor Fainstat*

Reference books: Allen and Walker, Heating and Air Conditioning (McGraw-Hill), Severns and Fellows, Heating, Ventilating, and Air-Conditioning Fundamentals (Wiley).

584. INDUSTRIAL ADMINISTRATION. Principles of industrial management and organization; problems of control; budgeting. Discussions of each department in a well-rounded organization, bringing out the function of each and its organization and place in the whole, with emphasis on the work of the engineering, industrial relations and production departments. The problem period is devoted to working case problems in management.

1 lecture and 3 hours problems, second term. *Professor White*

Textbook: Cornell, Organization and Management (Ronald Press).

585. INDUSTRIAL ENGINEERING. Plant design; plant layouts; lighting, heating and ventilation; material handling; time and motion studies; wage incentive systems; work simplification; product development and research; classification and symbolization; industrial safety. Visits are made to nearby plants and problems of a practical nature are solved.

2 lectures and 3 hours problems per week, session. *Professor White*

Textbook: Lansburgh, Industrial Management (Wiley).

586. INDUSTRIAL RELATIONS. Problems of modern industrial conditions; wages and incentives; job evaluation; service rating; training and education; joint relations; collective bargaining; workers' security; recreation; industrial legislation; research; organization; personnel policy.

2 lectures per week, first term. *Professor H. D. Woods*

Textbook: Watkins and Dodd, Management of Labor Relations (McGraw-Hill).

References: From current literature.

587. MACHINE DESIGN. Design of machine elements—bearings, cylinders, crankshafts, connecting rods, pistons, fly-wheels; power transmissions—chain and gear drives, belts; curved beams; flat plates, thick cylinders and tubes. Introduction to theories of elastic failure, deformation beyond elastic limit, shrink fits and multiple cylinder construction.

2 lectures per week, session. *Professor Stafford*

Reference books: Norman, Ault and Zarobsky, Fundamentals of Machine Design (Macmillan); Vallance and Doughtie, Design of Machine Members (McGraw-Hill).

588. MACHINE SHOP. Exercises on lathe, planer, slotter, shaper and miller; gear cutting; grinding.

3 hours per week, session. *Mr. Corrick*

589. MECHANICAL ENGINEERING LABORATORY. Investigation and tests of steam boilers, internal-combustion engines, air compressors, rotary and vacuum pumps; analysis of solid fuels; heat transmission and insulation; measurement of fluid flow, especially of gases.

6 hours per week, session. *Professor Bruce*

Reference Books: Diederichs and Andrae, Experimental Mechanical Engineering, Volume I (Wiley); Shoop and Tuve, Mechanical Engineering Practice (Macmillan).

590. MECHANICS OF MACHINES

(a) Elementary vibration problems.

2 lectures and 1 hour problems per week, first term. ————

(b) Fundamentals of aerodynamics; aircraft force coefficients and inertia load factors; experimental methods; circulation and Prandtl wing theory; equilibrium equations; development and graphical analysis of the performance equation.

2 hours lectures and 1 hour problems, second term. ————

Textbook: Millikan, Aerodynamics of the Airplane (Wiley).

591. POWER PLANT DESIGN. Turbine heat balance and power plant calculations; arrangement, design and operation of steam and internal-combustion power plants; requirements for light, heat and power distribution.

1 lecture and 3 hours problems per week, session. *Professor Robb*

References: Gaffert, Steam Power Stations (McGraw-Hill); Harding, Steam Power Plant Engineering (Wiley); Morse, Power Plant Engineering and Design (Van Nostrand).

592. THERMODYNAMICS. Principle of the increase of entropy and unavailable energy; properties of working substances; general energy equation for steady flow; steam power cycles; the reciprocating steam engine; internal combustion cycles; factors preventing the realization of theoretical performance in the Otto and Diesel engines; factors affecting the performance of gas turbines; refrigerating machines and heat pumps.

2 lectures per week, session. *Professor Mordell*

Textbook: Lichty, Thermodynamics, (McGraw-Hill).

850. SUMMER ESSAY (see page 1445).

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING

Graduate courses are offered in Mechanical Engineering. For particulars

of these and qualifications for entering the Graduate Faculty, see the Announcement of the Faculty of Graduate Studies and Research.

DEPARTMENT OF METALLURGICAL ENGINEERING

Professor J. U. MacEwan, *Chairman*

Associate Professors J. S. Godard
J. P. Ogilvie

Associate Professor (post-retirement) G. S. Sproule

THIRD YEAR (3M)

640. METALLURGICAL PROBLEMS. Materials balances for smelting and refining operations; problems introductory to fire assaying.

3 hours per week, first term. *Professor MacEwan*

Textbook: Butts, Metallurgical Calculations (McGraw-Hill).

830. SUMMER ESSAY (see page 1444).

THIRD YEAR (3A)

660. METALLURGICAL ANALYSIS. Instruction and practice in commercial methods of analysis of metallurgical materials and products.

3 hours per week, first term. *Professor MacEwan*

662. METALLURGICAL LABORATORY. Experiments illustrate Course 666; making and testing alloys; using furnaces and pyrometers; hardening and tempering steel; simple refining operations.

3 hours per week, first term. *Professor Ogilvie*

663. METALLURGICAL LABORATORY. Use of the metallographic microscope, preparation of specimens for examination, metallography of iron and steel, photographic technique, heat treatment of steel.

3 hours per week, second term. *Professor Ogilvie*

664. METALLURGICAL PROBLEMS. The gas laws, combustion problems, coke and gas manufacture; problems dealing with the application of thermodynamic principles to metallurgical operations.

2 hours per week, session. *Professor MacEwan*

666. METALLURGY OF IRON AND STEEL. An introduction to physical metallurgy with particular reference to iron and steel, fabrication of steels, theory and practice of heat-treatment, applications of iron and steel in industry.

1 lecture per week, session *Professor Ogilvie*

Reference books: Liddell, Handbook of Non-ferrous Metallurgy, Vol I (McGraw-Hill); Newton, Introduction to Metallurgy (Wiley); Rosenholtz and Oesterle, Elements of Ferrous Metallurgy (Wiley); Stoughton, Metallurgy of Iron and Steel (McGraw-Hill); Boylston, Metallurgy of Iron and Steel (Wiley); Teichert, Ferrous Metallurgy, Vol II (McGraw-Hill).

668. MINERAL DRESSING. Preparation of ores for treatment; mechanical methods of concentration; crushing; grinding; sizing; gravity concentration; agitation; leaching, thickening; filtration; beneficiation of coal.

1 lecture and 3 hours laboratory per week, session. *Professor Godard*

670. PHYSICAL METALLURGY. Review of ferrous metallurgy; introduction to non-ferrous alloys; theory of alloys; theory and practice of heat-treating; use of furnaces, pyrometers and testing equipment

1 lecture and 2 hours laboratory per week, first term. *Professor Ogilvie*

Reference books: As for Course 666, and also Heyer, Engineering Physical Metallurgy (Van Nostrand); Dowdell, General Metallography (Wiley); Williams and Homerberg, Introduction to Metallography (McGraw-Hill); Brick and Phillips, Structure and Properties of Alloys (McGraw-Hill); Dowdall, General Metallography (Wiley).

674. SUMMER SCHOOL (Fire Assaying). An account of equipment and procedures used in the fire assay of ores and of processed materials for precious metals, emphasizing the underlying theory; instruction in practical assaying.

Two weeks' summer school. *Professor Sproule*

Reference books: Smith, Sampling and Assay of the Precious Metals (Griffin); Fulton and Sharwood, Manual of Fire Assaying (McGraw-Hill); Bugbee, Textbook of Fire Assaying (Wiley); Shepard and Dietrich, Fire Assaying (McGraw-Hill).

840. SUMMER ESSAY (see page 1444).

FOURTH YEAR (4A)

680. METALLURGICAL UNIT OPERATIONS. Study of unit operations as exist in metallurgical engineering, and based on thermodynamics. The topics covered will include fluid flow, heat transfer, low pressure distillation and condensation, chemical equilibra, diffusion; assigned problems.

2 hours lectures and 1 hour problems per week, session. *Professor Ogilvie*

681. METALLURGICAL LABORATORY. Experiments in pyrometry, heat-treatment, metal refining, metallography, metal working, alloy preparation, fluid flow.

3 hours laboratory per week, session. *Professor Ogilvie*

682. ELECTROMETALLURGY. Application of the principles of electro-chemistry to electro-refining and electro-winning of metals—copper, silver, gold, lead, zinc, nickel, aluminum, etc.; electro-plating; electro-forming.

2 lectures per week, second term. *Professor MacEwan*

Reference books: See Course 686.

684. EXTRACTIVE METALLURGY. Application of the principles of physical chemistry to metallurgical processes used in the recovery and refining of metals. Various standard processes will be studied and these studies will be augmented by the solution of problems.

2 hours lectures and 2 hours problems per week, session.

Professor MacEwan

686. GENERAL METALLURGY. Physical metallurgy of non-ferrous metals and alloys; their uses in industry; basic principle of roasting, smelting, refining and hydrometallurgical processes.

2 lectures per week, session. *Professor MacEwan*

Reference books: The Departmental Library has numerous texts, reference books and periodicals, which are available to students.

688. METALLURGICAL COLLOQUIUM. Students are required to present detailed papers on selected metallurgical topics. This is followed by a discussion period.

1 hour per week, second term. *Staff*

690. METALLURGICAL DESIGN. Design of simple furnaces, materials balances and heat balances in standard processes.

3 hours problems per week, second term. *Professor MacEwan*

692. METALLURGICAL THESIS. Students choose or are assigned subjects for investigation. They are expected to show initiative in studying relevant literature, laying out their experimental program, setting up apparatus, correlating results and preparing a report.

3 hours per week, first term, 6 hours per week, second term. *Staff*

Reference books: See Course 686.

694. PHYSICAL METALLURGY. The subject matter will include crystallography, x-ray diffraction; metal and alloy structures; plastic deformation, slip therories, cold work, recrystallization; age-hardening, heat-treatment; and assigned problems.

2 hours lectures and 1 hour problems per week, session. *Professor Ogilvie*

Reference books: As for course 668, and also Doan and Mahla, Principles of Physical Metallurgy (McGraw-Hill); Van Wert, Introduction to

Physical Metallurgy (McGraw-Hill); Sauveur, Metallography and Heat Treatment of Iron and Steel (McGraw-Hill); Tiechert, Metallography and Heat Treatment of Iron and Steel, Vol. III (McGraw-Hill); Barrett, Structure of Metals (McGraw-Hill).

697. MINERAL DRESSING. Cyanidation, flotation and milling calculations; laboratory work will cover screening, settling, agitation; filtration, jigging, tabling, cyanidation and flotation.

2 lectures per week, and 3 hours laboratory, first term. *Professor Godard*

698. MINERAL DRESSING. Investigation into the treatment of ores, flow sheets from these investigations.

1 lecture per week and 3 hours laboratory, second term. *Professor Godard*

850. SUMMER ESSAY (see page 1445)

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING

Graduate Courses are offered in Advanced Metallurgy, Electrometallurgy, Metallurgical Problems and Metallography. For particulars of these and qualifications for entering the Graduate Faculty, see the Announcement of the Faculty of Graduate Studies and Research.

RESEARCH FELLOWSHIP IN THE DEPARTMENT OF METALLURGICAL ENGINEERING

There is one endowed research fellowship in the Department. This is awarded to a graduate of the Department who shows particular aptitude for advanced work, and is held in the Faculty of Graduate Studies and Research. Graduates of other universities are admitted to this Faculty, if qualified, but are not eligible for the fellowship mentioned.

DEPARTMENT OF MINING ENGINEERING

Professor	R. G. K. MORRISON, *Chairman*
Associate Professor	J. S. GODARD
Assistant Professor	M. D. O'SHAUGHNESSY
Douglas Fellow	_____
Harrington Fellow	_____

THIRD YEAR (3M)

740. MINE PROJECTIONS. The use of descriptive geometry as applied to mining problems.

1 hour lecture and 2 hours draughting per week, second term.
Professor O'Shaughnessy

830. SUMMER ESSAY (see page 1444).

THIRD YEAR (3A)

760. MAPPING. Calculation of mine survey notes using logarithms, traverse tables and a calculating machine; calculating and mapping of a complete mine survey; drawing composite level plans; sections.

3 hours per week, second term. *Professor O'Shaughnessy*

761. SURVEYING. The plane table and its adjustments; the three-point problem; mine surveying; the auxiliary telescope; shaft plumbing; underground traversing; stope surveys; underground curves; borehole surveys; the Brunton compass.

2 lectures per week, first term. *Professor O'Shaughnessy*

Textbook: Staley, Introduction to Mine Surveying (Stanford Univ. Press).

762. MINING METHODS. General mining methods; placer mining; quarrying; open-pit mining; underground mining.

2 lectures per week, first term. *Professor Morrison*

Reference books: Peele, Mining Engineers' Handbook (Wiley); Lewis, Elements of Mining (Wiley); Young, Working of Unstratified Mineral Deposits (Benn); Young, Elements of Mining (McGraw-Hill).

764. SUMMER SCHOOL. Normally this school is held for two to three weeks immediately after the close of the third year. It consists of an inspection trip to the mines and plants of some important district, and serves to acquaint the student with engineering methods as applied to the mining industry. This is considered a part of the fourth year curriculum.

840. SUMMER ESSAY (see page 1444).

FOURTH YEAR (4A)

697. MINERAL DRESSING. Cyanidation, flotation and milling calculations; laboratory work will cover screening, settling, agitation, filtration, jigging, tabling, cyanidation and flotation.

2 lectures per week, and 3 hours laboratory, first term. *Professor Godard*

698. MINERAL DRESSING. Investigation into the treatment of ores; chemical analyses; flow sheets from these investigations.

1 lecture per week and 3 hours laboratory, second term. *Professor Godard*

780. INDUSTRIAL PSYCHOLOGY AT MINES. Orientation; basic psychology; industrial psychology; management psychology.

2 lectures per week first term, one lecture per week second term.

Professor E. C. Webster

782. MINE DESIGN. Calculations, evaluation and recommendations for putting a given property into operation; underground work; surface plant and mill.

5 hours problems per week, session. *Professor Morrison*

Reference books: As for Course 762, and also Baxter and Parks, Mine Examination and Valuation (Finnish Lutheran Book Concern).

784. MINE FINANCE AND COST CONTROL. Company law and the incorporation of mining companies; provision of capital; payroll accounts and workmen's compensation; cost accounts; direct costs; distributable costs; comparative costs and cost control; amortization, depreciation and depletion; taxes on mines; profit and loss statements and balance sheets.

2 lectures per week, second term. *Mr. G. B. A. Hall*

786. MINING COLLOQUIUM. Students prepare and deliver a lecture on some mining subject.

1 hour per week, second term. *Professor Morrison*

788. MINING ENGINEERING. Sampling and mine valuation; explosives; rock excavation; haulage and hoisting; mine support; pumping; compressed air; ventilation; mine management; mining law and regulations.

2 hours per week, first term; 4 hours per week, second term. *Professor Morrison*

Reference books: As for Course 762, and also Bullman, Working of Coal and Other Stratified Minerals (Benn); Weeks, The Ventilation of Mines (McGraw-Hill); Trucott, Mine Economics (Mining Publications).

790. MINING ENGINEERING PROBLEMS. Calculations in combustion, ventilation, haulage, mine drainage, and other mine plant problems.

2 hours per week, session. *Professor O'Shaughnessy*

792. ORE ANALYSIS. Technical methods of analysis of ores and mill products.

3 hours laboratory per week, first term. *Professor O'Shaughnessy*

850. SUMMER ESSAY (see page 1445).

RESEARCH FELLOWSHIPS IN THE DEPARTMENT OF MINING ENGINEERING

There are endowed research fellowships in the Department. These are awarded to graduates of the Department who show particular aptitude for advanced work, and are held in the Faculty of Graduate Studies and Research. Graduates of other universities are admitted to this Faculty, if qualified, but are not eligible for the fellowships mentioned.

DEPARTMENT OF PHYSICS

Professors	A. Norman Shaw, *Chairman* J. Stuart Foster G. A. Woontoon
Associate Professors	J. S. Marshall E. R. Pounder F. R. Terroux H. G. I. Watson C. H. Westcott
Assistant Professor	A. I. McPherson
Lecturers (1950-51)	J. A. Carruthers M. L. de Angelis Sydney Wagner
Sessional Lecturers (1950-51)	W. S. Boyle Arne Henrikson
Demonstrators	

FIRST YEAR

1311 (Arts and Science 11). GENERAL COURSE. A general course covering the elementary portions of mechanics, sound, heat, magnetism, electricity, light and atomic physics. Simple applications of fundamental principles to well known phenomena are explained with the aid of demonstrations, laboratory work and numerical examples.

3 lectures per week, session* *Dr. Wagner and Mr. Henrikson*

Laboratory, 2 hours per week, session. *Professor McPherson*

Textbooks: Mendenhall, Eve, Keys and Sutton, College Physics (Heath & Co.); An Elementary College Course in Experimental Physics (Renouf Publishing Co.).

SECOND YEAR

1320 (Arts and Science 22a). HEAT. Calorimetry; heat transfer; change of state; critical state; hygrometry; engines; elementary kinetic theory; thermodynamics.

3 lectures per week, first term. *Professor Marshall*

Laboratory, 2 hours per week, first term.
Professors Terroux and McPherson

Textbooks: Marshall, Heat, Light, and Sound (McGill Physics Department); Heat, Light, and Sound Laboratory Manual (Renouf).

Reference book: Noakes, A Textbook of Heat (Macmillan).

*Voluntary tutorials are provided to assist students in 1311.

1322 (Arts and Science 22b). LIGHT AND SOUND. Illumination; reflection; refraction; interference; nature and velocity of light; optical apparatus; vision; spectroscopy; polarimetry; nature and velocity of sound; pitch; loudness; quality; wave analysis; interference; resonance; vibrations; instruments; hearing.

3 lectures per week, second term. *Professor Marshall*

Laboratory, 2 hours per week, second term.
Professors Terroux and McPherson

Textbooks: Same as for Course 1320.

THIRD YEAR (3M)

1340 (Arts and Science 23). ELECTRICITY AND MAGNETISM. Fundamental principles and experimental basis of magnetism; electrostatics; current electricity (D.C. and A.C.); electromagnetic induction; electrodynamics; theory of simple circuits; elementary electronics. Special attention is given to demonstrations, applications, theory of measurements, units, instruments, and numerical problems.

2 lectures and 1 hour voluntary tutorial per week, session.
Professor Pounder

Advanced Section (for Engineering Physics only) *Professor Watson*

In the case of students in Engineering Physics, the tutorials are replaced by supplementary lectures on the more advanced parts of this course including, in particular, the properties of electric and magnetic fields. No examination is required on this part of the course.

Textbooks: Mendenhall, Eve, Keys and Sutton, College Physics (Heath); Ward, Introduction to Electrical Engineering (Prentice-Hall).

Reference books: Signal Training Manual, Vol. II, Part I, Electricity and Magnetism (H. M. Stationery Office); Page, Lessons in Electricity (Macmillan); Brown, Electricity and Magnetism (Holt); Starling, Electricity and Magnetism (Longmans Green).

NOTE: Course 1344 is an integral part of Course 1340.

1342 (Arts and Science 34). HEAT, ADVANCED. Precision thermometry; calorimetry; measurement of fundamental thermal variables; measurement and theory of transfer of heat; change of state; equations of state; elements of kinetic theory; physical basis and mathematics of thermodynamics; thermal equilibrium of systems; engineering applications.

2 lectures per week, session. *Professor Shaw*

Textbook: Roberts, Heat and Thermodynamics (Blackie).

Reference books: Kiefer and Stuart, Engineering Thermodynamics (Wiley); Lewis and Randall, Thermodynamics (McGraw-Hill); Zemansky, Heat and Thermodynamics (McGraw-Hill); Worthing and Halliday, Heat (Wiley).

1344 (Arts and Science 23L). PHYSICS LABORATORY. Illustrating main principles of Course 1340. Theory and use of galvanometers, ammeters, voltmeters, bridges, potentiometers, resistances, capacitances, inductances, magnetometers, rectifiers, oscillators, oscillographs; limitations and accuracy of observations; significant figures.

3 hours per week, session. *Professor Pounder*

Textbook: University Laboratory Manual, Electricity and Magnetism, second year.

NOTE: Course 1344 is an integral part of Course 1340.

THIRD YEAR (3A)

1360 (Arts and Science 47). APPLIED GEOPHYSICS. Introduction to geophysical methods of prospecting and investigating sub-surface structures; theories, uses and limitations of various magnetic, electrical, gravitational and seismic methods; practical operation of instruments; field results are obtained and analysed; field experience, when possible.

2 lectures per week, second term. *Professor Watson*

Textbook: Eve and Keys, Applied Geophysics, 2nd Edition (Cambridge Univ. Press).

Reference book: Heiland, Geophysical Exploration (Prentice-Hall).

1362 (Arts and Science 35a). ELECTRON PHYSICS. Charge and mass of the electron; the electron as a constituent of matter; atomic structure; electrons in metals and insulators; liberation of electrons from matter; thermionic emission; secondary emissions; photoelectric emission; ionization processes; electrical discharges in gases; control of free electrons; electron ballistics; electron optics; wave characteristics of the electron; electron diffraction; applied electronics, cathode-ray oscillograph; X-ray tubes; electron microscope; radio-tubes.

2 lectures per week, first term. *Professor Pounder*

Reference books: Stranathan, The Particles of Modern Physics (Blakiston); Millman and Seely, Electronics (McGraw-Hill); Crowther, Ions, Electrons, and Ionizing Radiations (Arnold); Richtmyer and Kennard, Introduction to Modern Physics (McGraw-Hill).

1364 (Arts and Science 45 and 45L) LIGHT, ADVANCED. Geometrical and physical optics; electromagnetic theory; interference; diffraction; polarization; simple spectrum analysis; determination of fine structure of spectral lines; Zeeman effect; theory and use of optical apparatus.

2 lectures per week, first term; 1 lecture per week, second term, and 3 hours laboratory per week, session. *Professor McPherson*

Reference books: Robertson, Physical Optics (Van Nostrand); Wood, Physical Optics (Macmillan); Drude, Optics (Longmans Green); Jenkins and White, Fundamentals of Physical Optics (McGraw-Hill); Hardy and Perrin, Principles of Optics (McGraw-Hill).

1366 (Part of Arts and Science 32). PROPERTIES OF MATTER. Surface tension; viscosity; diffusion; gravitation.

1 lecture per week, second term. *Professor Westcott*

Students in Engineering Physics are advised to attend these lectures, but are not required to take the final examination.

Reference books: Newman and Searle, General Properties of Matter (Benn); Champion and Davy, Properties of Matter (Blackie).

1368 (Arts and Science 31). STATICS, DYNAMICS OF A PARTICLE AND RIGID DYNAMICS.

(a) Dynamics of a particle in one and two dimensions; motion of a pair of particles; dynamics of rigid bodies; mass systems.

3 lectures per week, first term. *Professor Terroux*

Textbooks: Lamb, Statics (C.U.P.); Lamb, Dynamics (C.U.P.).

Reference books: Synge and Griffith, Principles of Mechanics (McGraw-Hill); Slater and Frank, Mechanics (McGraw-Hill).

(b) Central orbits; elements of rigid dynamics in two and three dimensions; Lagrange's equations; oscillations about equilibrium positions.

3 lectures per week, second term. *Professor P. R. Wallace*

Textbook: Slater and Frank, Mechanics (McGraw-Hill).

Reference books: The books listed in (a) above.

FOURTH YEAR (4A)

1380. ACOUSTICS OF BUILDINGS. Acoustical conditioning of buildings, old or new; bearing on architectural design; properties, testing and choice of materials for absorption, insulation, reflection or modification of sound. (*Given in 1952-53, 1954-55, etc.*)

2 lectures per week, first term. *Professor Marshall*

Reference book: Knudsen and Harris, Acoustical Designing in Architecture (Wiley).

1382 (Arts and Science 43 and 43L). ATOMIC PHYSICS. Classic experiments of atomic physics; determination of physical properties and constants of atoms, ions and electrons; mass-spectrograph; elements of thermionics and of photo-electricity; X-ray analysis; cosmic rays; atomic structure, radiation, absorption and emission; advent of quantum theory and of wave-mechanics; philosophical problems in modern physics.

2 lectures and 3 hours laboratory per week, session.

Professors Shaw and Westcott

NOTE: *The examination is held at the end of the first term, with no examination required for the second term, in Course 1382. Attendance and examination in Course 1392 in the second term, is required. (The 1392 laboratory work is taken with the 1382 laboratory class in the second term, that is, 3 hours laboratory per week includes both the 1382 and the 1392 laboratory requirements.)*

Textbook: Crowther, Ions, Electrons and Ionizing Radiations (Arnold).

Reference books: Richtmeyer and Kennard, Introduction to Modern Physics (McGraw-Hill); Strong, Procedures in Experimental Physics (Prentice-Hall); Brown, Foundations of Modern Physics (Wiley); Stranathan, The "Particles" of Modern Physics (Blakiston).

1384-1386 (Arts and Science 33 and 33L). ELECTRICAL MEASUREMENTS AND ELECTRONICS.

This Course is divided into two parts, namely 1384, ELECTRICAL MEASUREMENTS, and 1386, ELECTRONICS.

1384. (ELECTRICAL MEASUREMENTS) (Arts and Science 33M). Direct-current instruments and measurements; galvonometer theory; instrument calibration; alternating-current circuit theory; "operational" methods; applications; measurements at power, audio, and radio frequencies; measurements with Lecher wires; construction and testing of simple electrical devices; absolute measurements.

1 lecture and 3 hours laboratory per week, session.

Professor Watson and Mr. de Angelis

1386 (ELECTRONICS) (Arts and Science 33E). Theory and application of electronic devices and circuits; elementary radio-engineering.

1 lecture and 3 hours laboratory per week, session.

Professor Watson and Mr. de Angelis

NOTE: *1386 is optional for students in Engineering Physics, but 1384 is required.*

Reference books: Law, Electrical Measurements (McGraw-Hill); Hague, Alternating Current Bridge Methods (Pitman, London); Harnwell, Principles of Electricity and Electromagnetism (McGraw-Hill); Campbell

and Childs, Measurement of Inductance, Capacitance, and Frequency (Macmillan); Kruft Laboratory Staff, Electronic Circuits and Tubes (McGraw-Hill); Terman, Radio Engineers' Handbook (McGraw-Hill); Reich, Theory and Application of Electron Tubes (McGraw-Hill).

1388 (Arts and Science 42). ELECTROMAGNETIC THEORY. Field theory; electrostatics; Laplace's equation; dielectrics; magnetic fields of currents; magnetic materials; electromagnetic induction and Maxwell's equations; electromagnetic waves and energy flow; scalar and vector potentials. Application of these fundamental ideas is made to some of the following topics: skin effect; propagation of waves in conducting media; propagation of guided waves; the electromagnetic foundation of the optical laws of reflection and refraction; diffraction; radiation from antennae.

1 lecture per week, first term; 2 lectures per week, second term.

Professor Woonton

Textbook: Slater and Frank, Electromagnetism (McGraw-Hill).

Reference book: Ramo and Whinnery, Fields and Waves in Modern Radio (Wiley).

1390 (Arts and Science 41). MATHEMATICAL PHYSICS. Potential theory; conduction of heat; diffusion; vibration; acoustics; elasticity; theory of origin of spectra; calculations in nuclear physics.

Same as MATHEMATICS 1290.

3 lectures per week, session. *Professors Wallace and Foster*

Reference books: Houston, Introduction to Mathematical Physics (Longmans); von Karman and Biot, Mathematical Methods in Engineering (McGraw-Hill); Margenau and Murphy, Mathematics of Physics and Chemistry (Van Nostrand); Page, Introduction to Theoretical Physics (Van Nostrand).

1392 (Arts and Science 44b). RADIOACTIVITY AND NUCLEAR PHYSICS The phenomena of radioactive disintegration and the laws of transformations of successive products; the nature and properties of the radiations; methods of detection and of measurement; mechanisms of absorption and scattering; neutrons, positrons and the constitution of nuclei; methods of producing artificial disintegrations and their products; introduction to nuclear physics.

2 lectures and 3 hours laboratory per week, second term.

Professor Terroux

Reference books: Rutherford, Chadwick and Ellis, Radiations from Radioactive Substances (Cambridge); Hevesy and Paneth, A Manual of Radioactivity (Cambridge); Cork, Radioactivity and Nuclear Physics (Van Nostrand); Lapp and Andrews, Nuclear Radiation Physics (Prentice-Hall).

Regulations Concerning Standing and Promotion

GENERAL

(1) Students proceeding to a degree are classed as regular undergraduates or conditioned undergraduates. *Regular undergraduates* are those who, having passed all entrance requirements, have also at the close of any session passed the examinations in all the courses of their curriculum or who, at the opening of the following session, have removed all conditions by passing supplemental examinations in the courses in which they failed. *Conditioned undergraduates* are those who have failed to remove all their conditions as above.

(2) No student proceeding to a degree is permitted to register in any year if he is conditioned in courses totalling more than 150 marks.

(3) No student is permitted to register in the second year course if he is conditioned in any English, Mathematics, Physics, Chemistry, or Drafting course from first year Engineering.

(4) No student is permitted to register in the third year (3M) if he is conditioned in Calculus 1224 or Mechanics 322.

(5) Conditioned undergraduates who cannot register in an advanced year on account of having conditions totalling more than 150 marks may repeat the work of the year in which they were previously registered, or must meet the following requirements before being permitted to proceed:

(6) Unless an exemption has been granted, all students in Engineering and Architecture must have attended and passed all regular summer school courses indicated in their respective curricula before they may be recommended for a degree.

TO ENTER SECOND YEAR

Remove *all* conditions and in addition pass examinations in Analytical Geometry 1204, Auxiliary Trigonometry 1208 or 1210, Chemistry 902 and Physics 1311.

TO ENTER THIRD YEAR (3M)

Remove *all* conditions and in addition pass examinations in Calculus 1224 and Mechanics 322 for all courses except Chemical Engineering in which course they must pass examinations in Chemistry 922, Calculus 1224 and Mechanics 322.

TO ENTER THIRD YEAR (3A)

Remove *all* conditions and in addition pass examinations as listed:

Architecture	Chemical	Civil, Electrical, Mechanical
Mechanics 348	Calculus 1242	Mechanics 348
	Chemistry 942	Calculus 1242

Metallurgical	Mining
Mechanics 348	Mechanics 348
Chemistry 942	Geology 1122

TO ENTER FOURTH YEAR (4A)

Remove *all* conditions and in addition pass examinations as listed:

Architecture	Chemical	Civil	Electrical
Strength of Materials 373	Chem. Tech. 260 Chem. Eng. 264 Thermo. 268	Strength of Materials 373	Elect. Eng. 460

Mechanical	Metallurgical	Mining
Mech. Eng. 567 Thermo-dynamics 569	Strength of Materials 373 Chemistry 964	Strength of Materials 373

There is to be no supplemental fee for such examinations in which the student has already obtained pass standing.

The examinations in the courses specified above must be passed within the six months prior to the date of registration.

(6) No undergraduate conditioned in any entrance requirements is permitted to register for any second year course (2M or 2A) nor is any undergraduate conditioned in any second- or third- or fourth-year subject permitted to register for any third- or fourth- or fifth-year course, respectively.

(7) Partial students are those who are not proceeding to a degree. Such students may be admitted to classes, provided that they have obtained the permission of the chairman of each department concerned, and that their courses are approved by the Committee on Registration, Standing and Promotion.

(8) If a partial student wishes to obtain undergraduate standing in order to proceed to a degree, he will not be given credit for any courses taken unless he has passed examinations in such courses, has had his case reviewed by the Committee on Registration, Standing, and Promotion and, on the recommendation of this committee, has had his case approved by Faculty.

(9) Partial students are not eligible to take supplemental examinations.

(10) No final year student is allowed a supplemental examination in any subject in the period between the opening of the second term and the date of Convocation.

(11) No student may repeat the work of more than one year. Students who have failed a year and have cleared their records by examinations are considered as having repeated the work of that year.

FIRST YEAR

Students of the first year taking the curriculum for the first time who have pursued their courses of study without serious interference due to personal illness, domestic affliction, or urgent affairs, and who fail in courses for which they are registered (including courses of the previous year in which the student is conditioned) aggregating over 300 possible marks, will not be permitted to register in the second year for the following session.

Instruction is not provided for students in courses in which they are conditioned.

Such students may, at the discretion of the Faculty be permitted to repeat the year, and if they do so they may obtain exemption in any draughting room or laboratory course in which they have obtained 65% or more. In no case will exemption from any final examination be granted to a student who is repeating his year.

Any student repeating the work of the year, who does not obtain an average of 60% in all repeated courses and final examinations of the year, will be permanently debarred from the Faculty.

Any student who fails in the year for the first time, and does not register to repeat the year in the following session, may proceed to the next year in a subsequent session, if in the interim he has cleared his record.

In order to clear his record he must satisfy the following requirements:

1. He must write examinations in all of the courses of the year in which he obtained less than 65%, and must obtain an average of not less than 60% in these examinations.

2. These examinations must all be written either (a) during a single period of supplemental examinations in any September following the session from which the student has been debarred, or (b) during the regular examination periods of a single session, in which case the student may defer the mid-term examinations to the following September, but will not be permitted to defer any spring examinations.

SECOND YEAR

Students of this year taking the curriculum for the first time, who have pursued their courses of study without serious interference due to personal illness, domestic affliction, or urgent affairs, and who fail in more than four courses for which they are registered (including courses of the previous year in which the student is conditioned) in which standing is determined by sessional examinations, or in four such courses aggregating 350 possible marks or over, will not be permitted to register in the second year for the following session.

Instruction is not provided for students in courses in which they are conditioned.

Such students may, at the discretion of the Faculty be permitted to repeat the year, and if they do so they may obtain exemption in any draughting-room or laboratory course in which they have obtained 65% or more. In no case will exemption from any final examination be granted to a student who is repeating his year.

Any student repeating the work of the year, who does not obtain an average of 60% in all repeated courses and final examinations of the year, will be permanently debarred from the Faculty.

Any student who fails in the year for the first time, and does not register to repeat the year in the following session, may proceed to the next year in a subsequent session if in the interim he has cleared his record.

In order to clear his record he must satisfy the following requirements:

1. He must write examinations in all of the courses of the year in which he obtained less than 65%, and must obtain an average of not less than 60% in these examinations.

2. These examinations must all be written either (a) during a single period of supplemental examinations in any September following the session from which the student has been debarred, or (b) during the regular examination periods of a single session, in which case the student may defer the mid-term examination to the following September, but will not be permitted to defer any spring examinations.

THIRD YEAR (3M)

All students of the year taking the curriculum for the first time, who have pursued their courses of study without serious interference due to personal illness, domestic affliction, or urgent affairs, and who fail in more than four courses for which they are registered (including courses of the previous year in which the student is conditioned) in which standing

is determined by sessional examinations, or in such courses aggregating over 400 possible marks, will not be permitted to register in the next year for the following session.

Instruction is not provided for students in courses in which they are conditioned.

Such students may, at the discretion of the Faculty, be permitted to repeat the year, and if they do so they may obtain exemption in any draughting-room or laboratory course in which they have obtained 65% or better. In no case will exemption from any final examination be granted to a student who is repeating his year.

Any student who fails the year for the first time, and does not register to repeat the year in the following session, may register in the next year in a subsequent session if in the interim he has cleared his record.

In order to clear his record he must satisfy the following requirements:

1. He must write examinations in all of the courses of the year in which he obtained less than 65%, and must obtain an average of not less than 60% in these examinations.

2. These examinations must all be written either (a) during a single period of supplemental examinations in any September following the session from which the student has been debarred, or (b) during the regular examination periods of a single session, in which case the student may defer the mid-term examinations to the following September, but will not be permitted to defer any spring examinations.

THIRD YEAR (3A=4M)

The standings of the students of the year will be based on their records in the courses for which they are registered, including courses of the previous year in which they are conditioned.

Instruction is not provided for students in courses in which they are conditioned.

Faculty of Medicine
1951-1952

McGill University

Montreal



Faculty of Medicine

1951-1952

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

TABLE OF CONTENTS

	PAGE
Administrative Officers	1605
Admission to Medicine	1607
Alpha Omega Alpha Honorary Medical Society	1659
Anæsthesia	1618
Anatomy	1619
Bacteriology	1620
Biochemistry	1622
Board and Lodging	1611
Buildings	1653
Bursaries	1615
Clinical Therapeutics	1625
Course for the Degree of M.D., C.M.	1611
Courses of Instruction	1618
Dermatology	1625
Diploma of Public Health	1651
Diploma of Tropical Medicine and Hygiene	1652
Dominion Registration	1617
Donner Building	1654
Embryology	1620
Entrance Requirements	1607
Equivalent Standing in Medicine	1608
Examinations	1612
Fees	1609
Fellowships	1615
General Council of Medical Education, Great Britain	1617
Grading	1615
Graduate and Advanced Courses	1650
Gynæcology	1633
Health Service	1611
Health and Social Medicine	1622
Histology	1620
Hospitals	1654
Immunology	1620
Library	1657

	PAGE
Loan Fund	1615
Medals	1615
Medical Jurisprudence	1623
Medical Societies	1658
Medicine	1624
Microscopes	1610
Microscopic Anatomy	1620
Neurology and Neurosurgery	1630
Obstetrics	1633
Ophthalmology	1635
Orthopædic Surgery	1647
Osler Library	1657
Osler Society	1659
Oto-Laryngology	1636
Pædiatrics	1637
Parasitology	1639
Pathology	1639
Pharmacology	1641
Physiology	1642
Prizes	1615
Promotion	1612
Psychiatry	1643
Radiology	1644
Reciprocity with Great Britain	1617
Registration	1609
Requirements for Degree of M.D., C.M.	1615
Requirements for Licence	1616
Scholarships	1615
Surgery	1646
Therapeutics	1625
Undergraduate Medical Society	1658
Urology	1647

McGill University

FACULTY OF MEDICINE

ADMINISTRATIVE OFFICERS

F. Cyril James, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D.C.L. (Bishop's), LL.D. (Queen's, Toronto, London, New York, etc.), D. de l'U (Montréal), F.R.S.C., Chevalier de la Légion d'Honneur
Principal

John J. O'Neill, Ph.D. (Yale), M.Sc., F.G.S.A., F.R.S.C. *Vice-Principal*

G. Lyman Duff, M.A., M.D., Ph.D.(Tor.), F.R.S.C. *Dean of the Faculty*

D. S. Fleming, B.A., M.D., C.M., D.P.H. (Tor.) *Secretary of the Faculty*

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., A.C.I.S., L.C.M.I. *Bursar*

T. H. Matthews, M.A. (Oxon.) *Registrar*

G. A. Grimson, B.Com. *Chief Accountant*

Richard Pennington, B.A. (Birmingham), Lib.Dip. (Lond.)
University Librarian

R. L. Stehle, M.A. (Ohio State), Ph.D. (Yale) *Honorary Medical Librarian*

W. W. Francis, A.B., M.D. (Johns Hopkins)
Osler Librarian and Director of the Museum of the History of Medicine

Miss G. D. Mudge *Assistant Secretary of the Faculty*

Special announcements are available for the School of Physiotherapy, the School for Graduate Nurses, and the School of Physical Education.

A complete list of the teaching staff of the University, including the Faculty of Medicine, is printed as a separate announcement, which may be obtained from the Registrar's Office.

CONTENTS—Continued

McGill University

FACULTY OF MEDICINE

ADMINISTRATIVE OFFICERS

Faculty of Medicine

The one hundred and nineteenth session of the Faculty will open on September 5th, 1951, for students of the first year.

REQUIREMENTS FOR ENTRANCE

1. (a) *Total Academic Credits:*

The minimum requirement for admission to the medical course is the satisfactory completion of three full years of study in a recognized college or Faculty of Arts and Science (or the equivalent thereof). This minimum requirement may be regarded as equivalent to a total of 90 semester hours.

(b) *Scientific Requirements:*

In the scientific branches, certain subjects are specifically required:
Chemistry, two full courses, including General Chemistry and Organic Chemistry, with laboratory work.
Physics, one year with laboratory work.
Biology, or *Zoology*, one year with laboratory work. (Of this, a half year must consist of Zoology.)

(c) *Cultural Requirements:*

These must be selected in such a way as to be in harmony with the requirements for the degree of B.A. or B.Sc. at the college where the courses are taken. These would commonly include credits in English Literature and in Composition, Mathematics, and at least one modern language. It is advisable for each applicant to present evidence of such preparation.

(d) All candidates for admission to the Medical Faculty are required to take the Medical College Admission Test conducted by the Educational Testing Service or furnish a satisfactory explanation of reason why they are unable to do so.

2. In selecting courses, in addition to the specific requirements listed above, the intending medical student should plan his pre-medical course as a whole, and in accordance with a definite educational objective. Emphasis should be laid on the broad educational value and the intellectual training afforded, rather than on the factual content of such pre-medical curricula; the student is therefore advised to plan his course in such a way as to provide more than elementary training in some definite field of learning which appeals to him; this major field may be selected from the Natural or the Social Sciences or the Humanities. Certain

subjects which though not essential have been found valuable in medical study, and which may be included as electives if the curriculum in the major field permits, are Psychology, Sociology, and Genetics.

In general, students are advised not to anticipate medical school courses in Physiology, Histology, Bacteriology, and Biochemistry at the expense of a fundamental training as outlined above.

On the other hand, for students who desire a preparation in excess of the minimum requirements, a considerable degree of specialization in the sciences, such as Honours graduation, or a Master's degree, in Physics, Chemistry, Biochemistry, Biology, Physiology, or Bacteriology, may prove to be desirable and advantageous.

The students' attention is called to the memorandum printed in the Announcement of the Faculty of Arts and Science, for the guidance of pre-medical students.

Candidates for admission shall furnish evidence that they have satisfied the matriculation requirements of the Licensing Body where they wish to practise. This provision applies to Canadian candidates only.

EQUIVALENT STANDING

A student of another Medical School who desires to be admitted to the Faculty of Medicine of this University with equivalent standing is required to submit an official statement of his preliminary education and of the medical course he has followed and the standing he has obtained. This should be accompanied by a calendar of the Medical School in which he has studied, giving a full statement of the courses of study, and by a certificate of moral character and conduct.

The equivalent courses of study in schools accepted by this University shall be determined from time to time. Acceptance of a course of study as equivalent may not include the examination in that subject held by the accepted school, but the student may be required to pass such examinations, individual or comprehensive, as may be required by the Faculty.

APPLICATION FOR ADMISSION

Application for admission to the Faculty of Medicine must be made upon the regular application form which may be obtained from the Secretary of the Faculty.

As the number of students in each class is limited, application should be made early and in any case not later than January 1st. Each application must be accompanied by a non-returnable fee of $5.00 in the form of a cheque or money order payable to McGill University.

A fee of $50.00 is payable by the applicant within ten days of the receipt of notice that he has been accepted for admission. If the applicant registers within the prescribed registration period in September, this fee will be credited on his University fees. If he fails to register, the fee lapses, and will be used by the University to meet the cost of its administration and overhead charges in caring for applicants who do not finally register.

A personal interview with the Secretary of the Faculty, when possible, is advisable.

REGISTRATION

Students in the Faculty of Medicine will register at the Registrar's Office on Friday, August 31st or Tuesday, September 4th, 1951. Those who register after the latter date will be required to pay a late registration fee of $5.00 if they register during the first week of the session and $10.00 if they register during the second. The fee will not be refunded except for satisfactory reasons and by authorization of the Faculty. No student will be admitted after the fifteenth day of the session except by special permission of the Faculty.

FEES

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

UNIVERSITY FEES

1. REGULAR STUDENTS

Annual fee	$450.00
By instalments: each of two instalments	227.50

2. REPEATING A YEAR

Students repeating a year pay	450.00

3. PARTIAL STUDENTS

Qualified students may be admitted as partials to one or more courses on payment of special fees.

4. AD EUNDEM FEE

Students entering any year above the first, pay a special *ad eundem* fee of	$10.00

5. DIPLOMA OF PUBLIC HEALTH FEES

The fee for the graduate course in Public Health, including laboratory and outdoor work, as well as student Health Service fee, is $250.00, of which $25.00 is to be deposited on acceptance of application.

6. DIPLOMA OF TROPICAL MEDICINE AND HYGIENE FEES

The fee for the course leading to this diploma is $50.00 if preceded by the D.P.H. course at McGill University or $100.00 for those already holding the D.P.H., taken elsewhere. For all others the fee is $250.00.

STUDENTS' SOCIETY FEES

FEES FOR THE SUPPORT OF STUDENT ORGANIZATIONS AND MEDICAL STUDENTS' JOURNAL

Regular students (men)	$18.00
Regular students (women)	18.00
Partial students taking less than three courses	5.00

By instalments: half with each instalment.

DATES OF PAYMENT

Fees are due and payable at the Chief Accountant's Office between the hours of 9 a.m. and 4 p.m. on the following dates:

Tuesday, September 4th, to Thursday, September 6th, inclusive, or, if desired, fees may be remitted by mail before the above dates. The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the above paragraph.

Immediately after the prescribed dates for the payment of fees the Chief Accountant will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Dean will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

All fees are payable in Canadian currency.

For further information and for a list of special fees see the General Information Pamphlet included in this Announcement.

MICROSCOPES

Each student, on beginning his studies, is required to provide himself with a first-class microscope for laboratory and private study throughout his course. The microscope must be of substantial construction and be provided, as a minimum, with the following accessories: 2/3, 1/6, and

1/12 oil immersion objective, and a substage condenser. Such an instrument will last a lifetime and is an essential part of the equipment of a practioner in medicine. Suitable microscopes may be secured through local dealers.

BOARD AND RESIDENCE

For details of board and residence and an estimate of expenses, see the General Information Pamphlet included in this Announcement (pages 305-310).

HEALTH SERVICE

For details of the Health Service and Medical Examinations see the General Information Pamphlet included in this Announcement (page 310).

COURSES FOR THE DEGREE OF M.D., C.M.

The minimum period of professional training required by the University as a qualification for the independent practice of Medicine shall be five years, including

a. four years of medical study in the University leading to the degree of M.D.,C.M.; and

b. one year of interneship in an approved hospital,

or

one year of further medical study in the Faculty of Medicine of McGill University or at another medical school approved by it.

While the Faculty Administration exercises a general supervision of arrangements for interneships, the Faculty of Medicine assumes no responsibility to provide an interneship for any student.

A certificate that his medical education is completed and that he is eligible to sit for the examination of a licensing board shall not be issued to any graduate until the University is in possession of satisfactory evidence that he has completed the full requirements.

There are three sessions of thirty-six weeks each and one session (final session) of thirty-two weeks, all exclusive of examination periods. The sessions usually begin the first Tuesday after the first Monday in September (Labour Day) and continue until the first week of June in the first three years and to the first week in May in the final year.

The academic session is divided into four terms in the first and fourth session and into three terms in the second and third sessions. The minimal

period of study for the degree of M.D., C.M., is, therefore, four sessions of study comprising one hundred and forty weeks exclusive of examination periods.

The arrangement of the principal subjects of instruction is usually as follows:

FIRST SESSION

Anatomy (including Histology and Embryology), Physiology, Biochemistry, Psychobiology and Medical Sociology, Introduction to Medicine.

SECOND SESSION

Pharmacology, General Pathology, Bacteriology and Immunology, Parasitology, Laboratory Diagnosis, Medicine, Surgery, Pædiatrics, Obstetrics, Health and Social Medicine, Psychiatry.

THIRD SESSION

Special Pathology, Health and Social Medicine, Medicine, Surgery, Obstetrics and Gynæcology, Pædiatrics, Psychiatry, Therapeutics, Ophthalmology, Oto-laryngology, Medical Jurisprudence, Radiology, Anæsthesia.

FOURTH SESSION

Medicine*, Surgery*, Obstetrics and Gynæcology, Psychiatry, Pædiatrics, Ophthalmology, Otolaryngology, Radiology, Neurology and Neuro-Surgery.

*In these subjects are included the following:

Medicine—Dermatology, Clinical Therapeutics.

Surgery—Orthopædics, Urological Surgery, Anæsthesia.

EXAMINATIONS

The examinations taken within the Medical Faculty are divided into two groups, namely major examinations and minor examinations. Major examinations are the final examinations in Anatomy (Embryology), Histology, Physiology, Biochemistry, Pharmacology, Bacteriology and Immunology, Pathology, Health and Social Medicine, Pædiatrics, Medicine, Surgery, Obstetrics and Gynæcology, Psychiatry.

Minor examinations include the final examinations in Parasitology, Neuro-anatomy, Laboratory Diagnosis, Medical Jurisprudence, Therapeutics, Ophthalmology, Otolaryngology, Radiology, and examinations preliminary to the final major examinations.

A student who fails in any major examination will be required before he sits a supplemental examination to present to the Dean's office from the senior professor of the Department concerned a certificate that the student has taken sufficient extra tuition as would indicate that he has reviewed the subject and is a suitable candidate for the supplemental examination.

There is a strict difference between the importance of a major and a minor examination. If a student fails in the supplemental of a major examination, there are definite restrictions as hereinafter set forth, while failure in the supplemental of a minor examination permits the student to carry conditions as are hereinafter laid down.

A student who fails in the supplemental of one (or two) minor examination may proceed with other subjects in the following year, carrying such subject as a condition, but may not sit any subsequent major examinations until such conditions have been removed, nor may more then two conditions be carried at one time.

All conditions must be removed by the end of the first term (November) in each session when additional supplemental examinations will be held. Failure in any of these will require the student to revert to the previous year and to repeat the courses of the Winter and Spring terms.

A student who fails in the supplementals of three or more minor examinations in any one session must repeat this session or may be asked to retire, as may be decided by the Promotion Committee, but he may appear before the Promotion Committee to plead his case if it be decided that he should retire.

A failure in the supplemental of a major examination will require the student to repeat the course (repeat the year), and no student may repeat such a course more than once. Any student who fails in the supplementals of two major examinations in any one year shall be required to retire without the privilege of further supplementals.

A student is not allowed supplementals in three major examinations in any one session. He will be required to repeat his year or retire as decided by the Promotion Committee, from whose decision there shall be no appeal.

A student is not allowed supplementals in two major and one minor examination in any one session. He will be required to repeat his year or retire as decided by the Promotion Committee, but he may appear before the Promotion Committee to plead his case if it be decided that he should retire.

A student in the final year may take a supplemental examination in one subject only at the end of the following September, but must present a certificate from the senior professor of the Department concerned that

he has taken at least three months' extra tuition in this subject in one of the teaching hospitals of the McGill Faculty of Medicine. If he should fail in this supplemental examination, he must repeat the year of study and pass all the major examinations at the completion of the session.

A student in the final year who fails in two subjects will not be permitted supplementals but must repeat the year or retire as decided by the Promotion Committee, from whose decision there shall be no appeal.

A student will not be allowed to repeat a year more than once nor may he repeat a subsequent year if such repetition has been due to failure in examinations, except on special recommendation of the Promotion Committee, acting upon the motion of the representatives on the committee of the Department concerned.

A student who has been permitted to repeat his year shall be required to make a C+ grade, which for this purpose is considered to be 65%, or he will not be permitted to continue his course.

A schedule of the times of major and minor examinations shall be published as a supplement to these ordinances at the beginning of each academic session.

Examinations, tests, reviews, etc., may be held during the session by any Department in its time of instruction, provided that no more than twenty-four (24) hours' notice is given. It is understood that such examinations, tests or reviews are conducted for the benefit of the student in order that he may have experience in the requirements of the sessional examinations, and further, that he and his teachers may know he is progressing in his studies.

There shall be two Promotion Committees. The First Committee shall consist of representatives of the subjects of Anatomy, Biochemistry, Histology, Physiology, Pharmacology, Bacteriology, Parasitology, Pathology, and Endocrinology, appointed by the Dean, and the Dean and the Secretary *ex officio*. This Committee shall pass on all cases of students who fail to satisfy examination requirements in the first and second years. The second Committee shall consist of representatives of the Departments of Pathology, Bacteriology, Health and Social Medicine, Medicine, Surgery, Obstetrics and Gynæcology and Pædiatrics, appointed by the Dean, and the Dean and the Secretary *ex officio*. This Committee shall pass on all cases of students who fail to satisfy examination requirements in the third and fourth years.

All results of examinations will be given out by the Dean's office, after they have been passed upon by the Promotion Committee. It is an absolute rule that no examination results shall be communicated by any other channel.

The Faculty reserves the right to require the withdrawal of any student at any time if, in the opinion of his instructors, he is incompetent.

GRADING

At the conclusion of each course, students are graded in five groups as follows:

A = Excellent
B = Good
C = Fair
D = Doubtful
E = Failure

In reporting the grading, the names of those students who attain "A" standing are arranged in order of merit; in all other grades the arrangement is alphabetical.

The grade assigned to a student is based upon the results of the Final Examination, but the instructor also takes into account the record of the work done throughout the course.

The quality of the English used by a candidate is taken into account in determining his standing in all examinations.

FELLOWSHIPS, SCHOLARSHIPS, ETC.

Details of fellowships, scholarships, bursaries, medals, and prizes open to undergraduate and graduate students in Medicine, and of the University Loan Fund will be found in the Scholarships Announcement.

REQUIREMENTS FOR THE DEGREE OF M.D., C.M.

1. Every candidate for the degree of Doctor of Medicine and Master of Surgery in this University must be at least twenty-one years of age and of good moral character.

2. He must have fulfilled all the requirements for entrance to the Faculty of Medicine and have attended courses of instruction for four full sessions of not less than eight months each in this University or in some other university, college or school of Medicine, approved by this University. (See page 1607.)

3. No one is permitted to become a candidate for the degree who has not attended at least two full sessions at this University.

4. Every candidate for the degree must have passed all of the required examinations in the subjects comprising the Medical course.

5. He must have attended during at least three sessions of nine terms the practice of the Royal Victoria Hospital or the Montreal General Hospital, or of some other hospital (with not fewer than one hundred beds) approved by this University; and must have acted as clinical clerk for six months in Medicine and six months in Surgery and have fully reported upon at least ten medical and ten surgical cases.

6. He must also have attended during two terms the practice of the Maternity Hospital or other lying-in hospital approved by the University, and have acted as assistant in at least twenty cases.

7. Every candidate must also have administered anæsthetics, under direction, at least six times, and have assisted at not less than six autopsies.

REQUIREMENTS FOR LICENCE

Intending students are reminded that a University degree in Medicine does not in itself confer the right to practise the profession of medicine. In each Province of Canada and in each one of the United States the right of licensing is vested in a Licensing Body which has its special laws and requirements; in many cases a special standard of general education is insisted upon before *beginning* the study of medicine. One of the requirements in several provinces is that the entrance qualifications of the student must be registered with the provincial licensing body for five years before a licence to practise can be obtained.

N.B.—In order that disappointment and loss of time may be avoided, the University requires Canadian students to register with the licensing body of their home province before beginning their medical course.

Full information as to the requirements for registration in the various provinces may be obtained from the Registrars of the Provincial Medical Boards, as follows:

QUEBEC—Dr. J. Paquin, 1896 Dorchester St. West, Montreal.

ONTARIO—Dr. Robert T. Noble, 174 St. George St., Toronto 5, Ont.

NEW BRUNSWICK—Dr. J. M. Barry, 182 Princess St., Saint John, N.B.

NOVA SCOTIA—Dr. H. L. Scammell, 196 Atlantic St., Halifax, N.S.

PRINCE EDWARD ISLAND—Dr. I. J. Yeo, Charlottetown, P.E.I.

MANITOBA—Dr. M. T. McFarland, 605 Medical Arts Building, Winnipeg, Man.

ALBERTA—Dr. W. Bramley Moore, 207 Alexandra Block, Edmonton, Alta.

SASKATCHEWAN—Dr. G. Gordon Ferguson, 415 Birks Bldg., Saskatoon, Sask.

BRITISH COLUMBIA—Dr. A. J. MacLachlan, 203 Medical-Dental Building, Vancouver, B.C.

NEWFOUNDLAND—Dr. C. Macpherson, P.O. Box 5121, St. John's, Nfld.

DOMINION REGISTRATION

In order to take the examination of the Medical Council of Canada a candidate must have the licence of a Canadian province, or he must present a certificate from the Registrar of a Provincial Medical Board that he holds qualifications accepted and approved of by the Medical Board of that province.

Full information may be obtained by writing to the Registrar, Dr. J. Fenton Argue, 180 Metcalfe Street, Ottawa, Ontario.

GENERAL COUNCIL OF MEDICAL EDUCATION

The entrance requirements in Medicine of this University are accepted by the General Medical Council of Great Britain. Graduates of this University who desire to register in England are exempted from any examination in preliminary education on production of the McGill Matriculation certificate. Certificates of this University for attendance at lectures, practical work, and clinics are also accepted by the various examining boards in Great Britain.

Detailed information may be obtained from the Registrar, General Council of Medical Education and Registration, 44 Hallam Street, Portland Place, London, W.1, England.

Courses of Instruction

DEPARTMENT OF ANAESTHESIA

Associate Professor	H. R. GRIFFITH, *Chairman*
Assistant Professors	C. C. STEWART
	F. A. H. WILKINSON
Lecturers	W. G. CULLEN
	R. S. FERGUSON
	R. G. B. GILBERT
	A. F. PASQUET
	W. C. STOCKWELL
Demonstrators	GLADYS ELLISON
	J. J. KELLY
	P. E. O'SHAUGHNESSY
	H. M. SLATER

UNDERGRADUATE COURSES

A student in Medicine, before reaching that part of the curriculum which deals with anæsthesia, will have acquired during the earlier years at the university some incomplete, but important, knowledge of anæsthesia while taking the courses in anatomy, physiology, biochemistry, pharmacology, and pathology.

In the final year he attends thirteen "lectures" given by the personnel of the Department of Anæsthesia. At the beginning of each "lecture" a sound-film is shown and followed by a panel discussion on the topic presented. Each discussion is carefully prepared and conducted by three teachers of the staff, each teacher sharing in rotation.

The student is given advice on what to read. At the termination of these "lectures" a written examination is held.

In the final year, also, each student is allocated for one week to the Department of Anæsthesia in one of the hospitals, and two more days in another, in these to learn as much as he may in that short time, as he does the bidding of the anæsthetists and attends four well-planned lecture-demonstrations. While it is admitted that this course is rather brief, it may be pointed out that it has been preceded by previous instruction in the basic subjects mentioned above, and it must be remembered that, on account of the overloaded curriculum of the medical student, more time for anæsthesia is out of the question.

DEPARTMENT OF ANATOMY

Robert Reford Professor	C. P. MARTIN, *Chairman*
Professor	C. P. LEBLOND
Assistant Professor	D. S. FORSTER
Lecturers	PHOEBE L. COX
	CATHERINE STEVENS
	E. W. WORKMAN
Demonstrator	HOWARD ROOT

REQUIRED COURSES

1. GROSS ANATOMY

Five hours lectures and fifteen hours laboratory work per week during the Autumn, Winter and Spring terms of the first medical year.

2. NEURO-ANATOMY

Four hours lecture and laboratory per week during the first term of the second year. Conducted with the co-operation of Dr. Francis McNaughton. This course is listed under the Department of Neurology and Neurosurgery as 2A Neuroanatomy.

3. APPLIED ANATOMY

One hour per week lecture and demonstration during the Winter and Spring terms of the third medical year.

Textbooks: Gray's "Anatomy" (English edition) or Cunningham's "Text-Book of Anatomy."

Practical Manuals: Buchanan's "Manual of Anatomy"; Johnston's "Synopsis of Regional Anatomy."

Optional Texts: Quain, Piersal, Spalteholz Atlas, Fraser's "Anatomy of the Human Skeleton", Fraser and Robbins, Larsell, Ramson.

ELECTIVE COURSES

The Department provides, as far as material will permit, facilities for advanced work or revision. The Chairman of the Department should be consulted by anyone wishing to undertake work of this nature.

4. ADVANCED NEURO-ANATOMY

Lecture and laboratory work on two evenings per week from October to December. By arrangement the course is held in the Neurological Institute under the direction of Dr. McNaughton. The class is limited to ten. The course consists of the construction of plasticine models of the brain, based on individual study of the brain and brain stem.

5. PHYSICAL ANTHROPOLOGY

Lectures and practical courses will be arranged for students when required.

MICROSCOPIC ANATOMY

REQUIRED COURSE

6. HISTOLOGY

The study of the histological structure of the body. Two hours lectures and six hours laboratory work per week during the first 28 weeks of the first medical year.

Textbook: Bailey, "Text-Book of Histology" or Maximow and Bloom.

Optional Texts: Cowdry, Lewis and Bremer, Jordan.

ELECTIVE COURSE

7. EXPERIMENTAL MORPHOLOGY

This course is divided into two parts:

(a) A seminar on theoretical problems of histology and histo-chemistry. One hour weekly.

(b) A practical course on the planning of biological experiments, operative procedures on laboratory animals, histological technique, histo-chemical reactions, radioactive elements (detection by radio-autographs and Geiger counter), photographic methods, etc. One hour lecture and laboratory each week.

EMBRYOLOGY

REQUIRED COURSE

8. THE STUDY OF HUMAN DEVELOPMENTAL ANATOMY

One hour per week lecture and three hours per week laboratory work during second half of the first medical year.

Textbook: Arey, "Developmental Anatomy."

Optional Texts: Jordan, Simkins, Bailey and Millar, Keith, Fraser.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Professor	E. G. D. MURRAY, *Chairman*
Associate Professors	G. G. KALZ
	J. W. STEVENSON
Assistant Professors	C. D. KELLY
	J. DE VRIES
Lecturers	R. H. ELDER
	F. A. JAFFE
	A. M. MASSON
	F. H. PRISSICK
Demonstrator (Teaching Fellow)	J. J. STOCK

All lectures and laboratory courses are given in the Department of Bacteriology, Pathological Institute.

1. ELEMENTARY MEDICAL BACTERIOLOGY AND IMMUNOLOGY

30 lectures and 63 hours practical work commencing September, first medical term, 2nd year.

Available to Medical students on the satisfactory completion of their studies in Anatomy, Physiology, Histology, and Biochemistry.

2. APPLIED MEDICAL BACTERIOLOGY AND IMMUNOLOGY AND THE PROCESSES OF INFECTIOUS DISEASES

20 lectures and 40 hours of demonstrations commencing November 15th, 2nd medical term 2nd year.

3. BACTERIOLOGY AND IMMUNOLOGY FOR HONOURS B.SC. DEGREE

The class is limited in size and priority is given to Honours students in their fourth year. Students in the Faculty of Graduate Studies are admitted only if they have suitable qualifications and if there are vacancies.

77 lectures and 308 hours practical work with 50 hours discussion periods through the year (3 full courses). Biochemistry 5 (lectures only) is compulsory. One other course is to be selected by the students.

6. BACTERIOLOGY AND IMMUNOLOGY FOR THE M.SC. DEGREE

8. APPLIED BACTERIOLOGY FOR GRADUATE NURSES (CERTIFICATE COURSE)

22 lectures and 19 hours practical work. Available only to students in the School of Graduate Nurses commencing October to December in the first term.

9. PUBLIC HEALTH BACTERIOLOGY AND IMMUNOLOGY

Available to postgraduate students for the diploma or Master's degree in Public Health. Given in association with the Department of Health and Social Medicine.

10. SEMINARS ON APPLIED BACTERIOLOGY IN RELATION TO PARTICULAR NURSING PROBLEMS (DEGREE COURSE)

14 periods of 2 hours commencing January for 14 weeks in the second term. Available only to nurses taking the Degree Course and on the successful completion of Course 8. Limited to 20 students.

Textbooks: Zinsser, Textbook of Bacteriology, edited by Smith and Martin (Appleton-Century-Crofts); T. J. Mackie and J. E. McCartney, Practical Bacteriology (Livingstone); Topley & Wilson, Principles of Bacteriology, revised by Wilson & Miles (Edward Arnold); E. O. Jordan and W. Burrows, Text-Book of Bacteriology (Saunders); H. Zinsser, J. F. Enders, L. D. Fothergill, Immunity Principles and Application in Medicine and Public Health (Macmillan); R. W. Fairbrother, A Text-

Book of Medical Bacteriology (W. Heinemann); T. M. Rivers, Viral and Rickettsial Infections of Man (Lippincott); R. J. Dubos, Bacterial and Mycotic Infections of Man (Lippincott); F. M. Burnet, Virus as Organism (Harvard University Press). S. P. Bedson et al., Virus & Rickettsial Diseases (Edward Arnold & Co.); A. J. Rhodes & C. E. van Rooven, Textbook of Virology (Nelson).

DEPARTMENT OF BIOCHEMISTRY

Professors	D. L. THOMSON, *Chairman*
	J. H. QUASTEL
Associate Professors	O. F. DENSTEDT
	K. A. C. ELLIOTT
	R. D. H. HEARD
Sessional Lecturer	JUDITH SAFFRAN

FIRST YEAR

BIOCHEMISTRY 1. Mon., Wed., Fri., at 9 a.m. (beginning in October).

1L. Laboratory: Six hours a week October to February

Professor Thomson

Textbooks: Bodansky, "Introduction to Physiological Chemistry" (Wiley); Williams, "Textbook of Biochemistry" (van Nostrand); Schmidt and Allen, "Fundamentals of Biochemistry" (McGraw-Hill); Mitchell, "Text-book of Biochemistry" (McGraw-Hill).

This course consists of the courses numbered 31, 32 (Endocrinology) and 33 (Nutrition) listed in the Announcement of the Faculty of Arts and Science, which also lists more advanced courses offered by the Department.

DEPARTMENT OF HEALTH AND SOCIAL MEDICINE

Strathcona Professor	R. P. VIVIAN, *Chairman*
Associate Professors	D. S. FLEMING
	C. W. MACMILLAN
Assistant Professor	MARIAN WALL
Lecturers	E. A. BLUMENFELD
	H. E. BURKE
	ETHEL COOKE
	W. H. CRUICKSHANK
	I. M. RABINOWITCH
	H. G. ROSS
	BARUCH SILVERMAN

The instruction is designed to present to the undergraduate the social factors of particular importance in the practice of Medicine, stressing the role of Preventive Medicine and Public Health.

In the second year the subject matter covered includes Vital Statistics; principles of Communicable Disease Control, Sanitation, Environmental Hygiene; and the organization and activities of the Public Health Service, with a consideration of the problem of the non-communicable diseases. This is timed to coincide with complementary material presented by other Departments.

Field trips are undertaken to observe the control of water, milk, and food supplies and the work of a Public Health Laboratory. Demonstrations are given on Pest Control and Industrial Hygiene.

An examination (minor) is held at the end of the second year.

In the third year lectures are given to the class as a whole on Population influences and trends; the W.H.O.; the problem of medical care; public welfare, voluntary agencies, and the medical social worker; social security, health insurance, and medical economics.

Throughout the year concentrated courses of six weeks each with four half-day periods each week are conducted for a sixth of the class on a rotation basis.

Each of these courses covers the organization and administration of the Western Health District of the City of Montreal; the epidemiology and control measures for the more common communicable diseases including Tuberculosis and Venereal Disease; the work of the Provincial Public Health Laboratory is demonstrated, and the preparation of sera, vaccines, and toxoids observed; practice is obtained in the common immunological procedures; and community activities in Maternal and Child Hygiene, Industrial Medicine, Nutritional Education, Mental Hygiene, and Health Education are illustrated by the facilities in the community.

A final examination is held at the end of the third year.

TOXICOLOGY AND MEDICAL JURISPRUDENCE

A. TOXICOLOGY i. A series of 8 lectures on acute poisoning—(a) occurrence (b) modes of action of poisons and modifying factors (c) diagnosis and treatment of acute poisoning and (d) medico-legal considerations.

ii. A series of 4 lectures on industrial toxicology—(a) dusts, fumes, smokes, mists, fogs, and vapours (b) metal fume fever (c) arsenic, lead, and mercury (d) carbon monoxide (e) organic compounds—aliphatic and aromatic hydrocarbons—halogenated, nitro, and amino derivatives (f) organic solvents (g) factors influencing selection of employees (h) early diagnosis of industrial poisoning.

B. JURISPRUDENCE: A series of 12 lectures on (a) legal status of physicians (b) obligation of doctor to state (c) professional secrecy—privileged communications (d) responsibility to patient—implied and expressed contracts (e) physical examinations, surgical operations and consent (f) malpractice—civil, criminal (g) legal procedures—coroner's court, other courts, medical witness (h) medico-legal aspects of death (i) personal identity in its medico-legal bearing (j) blood stains (k) wounds (l) pregnancy (m) abortion (n) infanticide (o) impotency and sterility (p) rape (q) medico-legal aspects of alcoholic intoxication (r) insanity.

Text and Reference Books: i. General: Buchanan, Text Book of Forensic Medicine and Toxicology; Glaister, Medical Jurisprudence and Toxicology; Kerr, Forensic Medicine; Littlejohn, Forensic Medicine; Gonzales, Vance and Helpern, Legal Medicine and Toxicology; McNally, Toxicology; Sydney Smith, Forensic Medicine; Sydney Smith and Glaister, Recent Advances in Forensic Medicine; Taylor, Principles and Practice of Medical Jurisprudence.

ii. Industrial Toxicology: Wampler, Principles and Practice of Industrial Medicine; Gafarer, Manual of Industrial Hygiene; Henderson and Haggard, Noxious Gases; Jacobs, Toxicity of Industrial Organic Solvents —Report No. 80, Medical Research Council, Industrial Health Research Board, G.B.; Hunter, Industrial Toxicology.

DEPARTMENT OF MEDICINE

Professors

J. S. L. BROWNE, *Chairman*
G. R. BROW
E. S. MILLS

Associate Professors

K. A. EVELYN
NEIL FEENEY
J. K. GORDON
I. M. RABINOWITCH
BRAM ROSE
W. DEM. SCRIVER

Assistant Professors

L. J. ADAMS
E. H. BENSLEY
H. E. BURKE
D. G. CAMERON
G. A. COPPING
C. W. FULLERTON
W. H. P. HILL
J. G. HOWLETT
W. R. KENNEDY
LOUIS LOWENSTEIN
J. F. MCINTOSH
H. S. MITCHELL
J. H. PALMER
H. N. SEGALL
F. MACI. SMITH
S. R. TOWNSEND

Lecturers

MICHAEL ARONOVITCH
C. S. BARKER
R. C. BENNETTS
J. O. W. BRABANDER
R. A. CLEGHORN
H. I. CRAMER
A. F. FOWLER
G. W. HALPENNY
L. G. JOHNSON
W. G. MCLELLAN
R. D. MCKENNA
K. R. MACKENZIE
C. J. MALLOY
J. F. MEAKINS
D. L. MENDEL
C. J. PATTEE
J. R. QUINTIN
W. S. RODGER
MURRAY STALKER
A. T. THOM
R. V. WARD
P. G. WEIL
G. E. WIGHT

Demonstrators

DAVID BARZA
R. G. BAXTER
F. M. BOURNE
LLOYD CASWELL
PARKER CHESNEY
WILLIAM COHEN
BASIL CUDDIHY
W. W. EAKIN
C. J. FOURNIER
ALLEN GOLD
ALEX. GORDON
R. G. M. HARBERT
GUY JORON
A. W. LAPIN
LESTER MCCALLUM
P. N. MCDERMOTT
M. MCQUITTY
R. J. MURPHY
MYRON NOTKIN
E. A. S. REID
LORNE SHAPIRO
GEORGE SHIMO
C. B. SMITH
G. R. TURGEON
J. C. G. YOUNG

THERAPEUTICS

Associate Professor — W. DEM. SCRIVER
Assistant Professor — C. W. FULLERTON
Lecturer — GUY H. FISK

DERMATOLOGY

Clinical Professor — L. P. EREAUX
Assistant Professor — FREDERICK KALZ

Lecturers

G. E. CRAIG
B. D. USHER
D. S. MITCHELL

Demonstrators

R. R. FORSEY
PAULA SHOPFLOCHER

THE CURRICULUM IN THE DEPARTMENT OF MEDICINE

FOREWORD

The object of the following courses is to impart a sound knowledge of the principles of general medicine in the diagnosis and treatment of disease, to afford a knowledge of the technique, and, above all, so to train the student that he will be enabled to cultivate the faculty of critical judgment. The mere instruction, of itself, is regarded as but a part of the course, while the personal contact of students, teachers and patients throughout the final years is of prime importance.

The close correlation of physiology, anatomy, and biochemistry with clinical medicine is emphasized—not only in the pre-clinical years, but later in hospital and laboratory—thus affording students a modern scientific medical training.

Unusual facilities are afforded at the Royal Victoria Hospital and at the Montreal General Hospital where there are extensive laboratories for the study of disease in all its phases. Excellent clinical facilities are afforded at both these hospitals, as well as by affiliation with other institutions.

The University lectures and clinical lectures are open to students of all years. The final examinations may cover any portion of the realm of internal medicine and its various branches of which the examiners may deem it proper that a graduating student should be cognizant.

REQUIRED COURSES

SECOND YEAR

COURSE II 1—INTEGRATION OF PHYSIOLOGY, BIOCHEMISTRY, AND ANATOMY WITH MEDICINE

Time—Last two terms of second year: one lecture or clinic a week in the second term—two lectures a week and one amphitheatre clinic in the third term.

Place—Medical Building. Montreal Neurological Institute Theatre.

Subject Material—This course covers in a systematic manner the deviations from the normal of the physiological and biochemical functions. These are correlated so as to explain symptoms and signs which may be found on physical examination as detected by clinical methods dealt with in Course II 2. This course is so interpreted as to give the student a panoramic view of these disturbances with a proper perspective.

Professor Browne and staff

COURSE II 2—A PRACTICAL COURSE IN CLINICAL METHODS

Time—Second and third terms of second year.

Place—Outpatient Departments of the Royal Victoria, Montreal General and Queen Mary Veterans Hospitals.

Subject—Practical instruction 4 hours a week on Normal and Abnormal Physical Signs and one amphitheatre clinic.

COURSE II 3—LABORATORY DIAGNOSIS

Time—Last term of second year.

Place—Medical Building.

Subject—Instruction and practice 2 periods a week in microscopy as applied to clinical medicine. *Professor McIntosh and Assistants*

THIRD YEAR

COURSE III 4—AMPHITHEATRE CLINICS IN GENERAL MEDICINE

Time—Once weekly throughout year.

Place—Alternately at the Royal Victoria and the Montreal General Hospitals.

Subject—Demonstration and discussion of cases illustrating certain disease processes.

COURSE III 5—BEDSIDE CLINICS AND PRACTICAL DEMONSTRATIONS

Time—Twice weekly during the medical term.

Place—Wards of the Royal Victoria and the Montreal General Hospitals.

COURSE III 6—CLINICO-PATHOLOGICAL CONFERENCE

Time—Weekly during the medical term.

Place—The Royal Victoria and the Montreal General Hospitals.

COURSE III 7—CASE REPORTING

During the trimester in Medicine students will be assigned patients in the wards. They will be required to write case histories, make a general examination, note progress, and do such laboratory investigations as are within their scope and have access to all other Laboratory and X-Ray findings.

COURSE III 8—A PRACTICAL COURSE IN DISEASES OF METABOLISM AND ENDOCRINOLOGY.

Time—Weekly during the medical term.

Place—Royal Victoria and the Montreal General Hospitals.

Subject—This course consists of weekly Ward Rounds in the two Hospitals.

COURSE III 9—THERAPEUTICS

A course of 20 lectures on the principles of therapeutics and on the treatment of various diseases for which clinical material is not readily available.

In addition to the above courses General Ward Rounds are held once a week at each Hospital for students reporting Medicine.

FOURTH YEAR

COURSE IV 10—AMPHITHEATRE CLINICS IN GENERAL MEDICINE

Time—Once a week throughout year.

Place—Alternately at the Royal Victoria and Montreal General Hospitals.

Subject—Demonstration and discussion of cases illustrating more complicated cases as compared to the Third Year.

COURSE IV 11—BEDSIDE CLINICS AND PRACTICAL DEMONSTRATION

Time—Twice weekly during medical term.

Place—Wards of the Royal Victoria and the Montreal General Hospitals.

COURSE IV 12—CLINICAL PATHOLOGICAL CONFERENCE

Time—Once a week during medical term.

Place—The Royal Victoria and the Montreal General Hospitals.

COURSE IV 13—CLINICAL THERAPEUTICS—PRACTICAL BEDSIDE INSTRUCTION

Time—Once a week during the medical term

Place—Royal Victoria and the Montreal General Hospitals.

COURSE IV 14—A COURSE OF LECTURES IN MEDICINE

Time—One period a week throughout year.

Place—Medical Building.

Subject—Lectures in General Medicine to give a panorama of the subject.

COURSE IV 15—A COURSE OF 14 LECTURES IN DERMATOLOGY AND SYPHILOLOGY

Place—Medical Building.

COURSE IV 16—DERMATOLOGY AND SYPHILOLOGY—PRACTICAL INSTRUCTION

Time—Twice a week during one term.

Place—Montreal General and Royal Victoria Hospitals.

COURSE IV 17—THERAPEUTICS

Eight theatre clinics to be given in the Teaching Hospitals during the course of the year. Therapeutic aspects will be correlated with other aspects of disease.

(This course will not be given during the session 1951-52 as it has been transferred from the Third Year).

COURSE IV 18—CASE REPORTING

As in Third Year during the medical term. Students will be expected to devote much of their time during the medical term observing on the wards or outdoor of the Teaching Hospital to which they are assigned writing case reports and following the progress of their cases with care. Teaching Fellows will be available to assist students in this work.

Place—Wards and Outdoor of the Royal Victoria and Montreal General Hospitals.

TEXT AND REFERENCE BOOKS

The following books have been classified under general headings and are merely suggestions from which the student may choose according to his own needs. The list is not intended to be exclusive; there are other text books which the student may prefer. The list of reference books is given for information.

Clinical and Laboratory Methods and Physical Diagnosis: Cabot and Adams, Physical Diagnosis; Gradwohl, Clinical Laboratory Methods and Diagnosis; Hutchison and Hunter, Clinical Methods; Major, Physical Diagnosis; McGill University, Guide to Medical Case Reporting; A Syllabus of Laboratory Examination in Clinical Diagnosis, edited by Thomas H. Ham, Harvard Press; Todd and Sanford, Clinical Diagnosis by Laboratory Methods.

Physio-Pathology: Best and Taylor, The Physiological Basis of Medical Practice; Bodansky and Bodansky, Biochemistry of Disease; Canterow and Trumper, Clinical Biochemistry, 4th ed.; McLeod, Physiology in Modern Medicine; Peters and Van Slyke, Quantitative Clinical Chemistry, Vol. 1, Interpretations; Sodeman, Pathologic Physiology; Wright, Applied Physiology.

General Medicine: Cecil, Text Book of Medicine; Christian, Principles and Practice of Medicine; Conybeare, Text Book of Medicine; Harrison, Principles of Internal Medicine; Meakins, Practice of Medicine; Tidy, General Medical Text Book; Yater, Fundamentals of Internal Medicine,

Differential Diagnosis: Savill, System of Clinical Medicine; Yater, Symptoms and Diagnosis.

Dermatology and Syphilology: McKenna, Text Book of Dermatology; Tobias, Advances in Dermatology; Walker and Percival, Introduction to Dermatology.

Miscellaneous Reference Books: Duncan, Diseases of Metabolism; Cheney, Medical Management of Gastro-Intestinal Disorders; Joslin, Diabetic Manual; McLester, Nutrition and Diet in Health and Disease;

Moore, Syphilology; Sutton and Sutton, Disorders of the Skin; Ormsby and Montgomery, Diseases of the Skin; Cooke, Allergy, Theory and Practice; White, Heart Disease; Dressler and Roesler, An Atlas of Electrocardiography; Friedberg, Diseases of the Heart; Taussig, Congenital Malformation of the Heart; Wintrobe, Clinical Hematology; Whitby and Britton, Disorders of the Blood; Rubin, Diseases of the Chest; Soskin, Progress in Clinical Endocrinology.

DEPARTMENT OF NEUROLOGY AND NEUROSURGERY

Professor of Neurology and Neurosurgery	WILDER PENFIELD, *Chairman*
Professor of Neurosurgery	WILLIAM CONE
Professor of Experimental Neurology	HERBERT JASPER
Associate Professors of Neurology	DONALD MCEACHERN FRANCIS MCNAUGHTON
Associate Professor of Experimental Neurology	K. A. C. ELLIOTT
Assistant Professors of Neurology	JOHN KERSHMAN ARTHUR W. YOUNG
Assistant Professor of Neurosurgery	ARTHUR ELVIDGE
Assistant Professor of Neurological Radiology	DONALD MCRAE
Assistant Professor of Experimental Neurology	ROY L. SWANK
Assistant Professor of Neuroanatomy	†JERZY OLSZEWSKI
Lecturers in Neurology	C. MILLER FISHER PRESTON ROBB G. MILTON SHY
Lecturer in Neurosurgery	HAROLD W. ELLIOTT
Demonstrator in Neurology	D. L. LLOYD-SMITH
Demonstrators in Neurosurgery	MAITLAND BALDWIN JOHN HANBERY REVIS LEWIS ERIC PETERSON
Demonstrators in Neuropathology	IGOR KLATZO J. M. VAN BUREN
Demonstrator in Neuroanatomy	KENNETH EARLE
Demonstrator in Electroencephalography	LEWIS HENDERSON

†Lady Davis Fellowship.

Fellows of the Montreal Neurological Institute:

ROBERT AQUILINA
GEORGE AUSTIN
MAITLAND BALDWIN
ALEX. BARNUM
JOHN BATES
*WENCESLAS CALVO
ANATOLE DEKABAN
GORDON S. DUGGER
K. M. EARLE
W. F. GERBER
R. MYLES GIBSON
****RAYMOND HAIN
HOWARD HERMAN
IGOR KLATZO
REVIS LEWIS
CHOH-LUH LI
***D. LLOYD-SMITH
*C. AJEMONE MARSAN
ERIC PETERSON
H. LAMAR ROBERTS
GEORGE M. SHY
T. J. SPEAKMAN
**JULIUS STOLL
DONALD TOWER
KENAN TÜKEL
J. M. VAN BUREN
PETER V. WESTHAYSEN

* Rockefeller Foundation Fellowship.
** National Foundation for Infantile Paralysis Fellowship.
*** Borden Neurological Fellowship.
**** U.S. National Cancer Institute.

SECOND YEAR

2A (ANATOMY 2) NEUROANATOMY. Lectures and Laboratory. Department of Anatomy. *Professors McNaughton and Olszewski*

2B NEUROLOGICAL ASPECTS OF PHYSIOPATHOLOGY. 3 lectures. Department of Medicine. *Professors McNaughton and Jasper*

2C PHYSICAL EXAMINATION OF THE NERVOUS SYSTEM. 2 theatre clinics. Department of Medicine (1 at M.G.H., 1 at R.V.H.). *Dr. Robb*

THIRD YEAR

3A SURVEY OF NEUROLOGY AND NEUROSURGERY. 24 lectures. Saturdays 8:45-9:40. M.N.I. Amphitheatre.
Professors Penfield and McNaughton

FOURTH YEAR

4A NEUROLOGICAL AND NEUROSURGICAL CLINICS. 20 theatre clinics. Saturdays, 10:00-11-00. M.N.I. Amphitheatre.
Professors Cone and McEachern

4B-1 NEUROLOGICAL O.P.D. R.V.H. Outpatient Department. Monday and Thursday*, 2:00-3:00. *Professor McEachern and Assistants*

4C-1 NEUROLOGY WARD CLASSES. Department of Medicine. Wednesdays, 8:45-9:45 (R.V.H. group). *Professor Young*

4B-2 & 4C-2 COMBINED NEUROLOGICAL O.P.D. AND WARD CLASSES. M.G.H. Mondays and Fridays, 2:00-3:00 (M.G.H. group). *Dr. Robb and Assistants*

4D-1 NEUROSURGERY WARD CLASSES. Department of Surgery. M.N.I. (R.V.H. group). Mondays, 1:00-2:00. *Professor Cone and Assistants*

4D-2 NEUROSURGERY WARD CLASSES. Department of Surgery. M.N.I. (M.G.H. group). Thursdays, 1:00-2:00. *Professor Elvidge and Assistants*

4E-1 NEUROLOGY SEMINAR. M.N.I. Conference Room. Tuesdays, 3:45-4:45. *Professor McNaughton and Dr. Robb*

4E-2 NEUROLOGY SEMINAR. M.G.H. Outpatient Department. Fridays, 3:00-4:00. *Drs. Robb and Fisher*

ELECTIVE COURSES

A. SEMINAR IN NEUROANATOMY. M.N.I. 4 hours weekly (12 weeks).

1. Lectures, demonstrations and discussions, correlated with Seminar B in Neurophysiology.

2. Advanced neuroanatomy for selected group; brain modelling.

Two evenings, beginning in November. *Professor McNaughton*

B. SEMINAR IN NEUROPHYSIOLOGY. M.N.I. 3 hours weekly (12 weeks).

Laboratory demonstrations, lectures, and discussions. Mondays, 5:00-6:00 and 8:00-10:00, beginning in November. Correlated with Seminar A in Neuroanatomy. *Professor Jasper*

C. Colloquium in Clinical Neurology. 1 hour weekly. Clinics and lectures. Wednesdays, 5 p.m., M.N.I. *Professor Penfield*

D. COLLOQUIUM IN NEUROSURGERY AND ELECTROENCEPHALOGRAPHY. M.N.I. 1 hour weekly. Tuesdays, 3 p.m. (10 months). *Professors Penfield and Jasper*

*Two Thursdays per month only.

DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

Professor — N. W. PHILPOTT, *Chairman*

Assistant Professors

J. S. HENRY
G. C. MELHADO
ELEANOR PERCIVAL
G. A. SIMPSON
G. STREAN
C. V. WARD

Lecturers

J. E. AYRE
W. R. FOOTE
J. L. MACARTHUR
K. T. MACFARLANE
G. B. MAUGHAN
I. Y. PATRICK
D. W. SPARLING

Demonstrators

GRACE DONNELLY
SIMON GOLD
MYER HENDELMAN
J. P. A. LATOUR
H. T. LYON
J. PORTNUFF
THOMAS PRIMROSE
JAS. HOLDEN ROUTLEDGE

The course is arranged to impart a practical knowledge of Obstetrics, Gynæcology, and the Care of the New-born. The value of intimate contact with the patient in the normal and the abnormal state is stressed.

The privilege of serving as an interne in the hospital for two weeks, treating the patients from the time of admission till discharge from hospital, is an ideal arrangement. Rooms are provided in the Women's Pavilion where the students may reside, in groups of six, during this period. Individual instruction is given by the Resident Staff and Fellows.

REQUIRED COURSES

SECOND YEAR—

Sixteen lectures are given as an introduction to the subject. These lectures are relative to the anatomy and physiology of the genital tract. The physiology of pregnancy is also described. *Professor Simpson*

THIRD YEAR—

OBSTETRICS

1. Twenty-eight lectures to teach the fundamentals of pregnancy, labour and the puerperium. *Senior members of the Staff*

2. Eighteen demonstrations of obstetrical palpation and manikin instruction to illustrate the diagnosis and management of normal and abnormal presentations. *Professor Simpson and Assistants*

3. Six clinics in the caseroom or wards to teach the care of the patient in the hospital. *Professor Simpson and Assistants*

4. Six classes to demonstrate the care of the newborn. *Professor G. Ross and Assistants*

GYNAECOLOGY

1. Five lectures to describe the more common gynæcological diseases. *Professor Ward and Assistants*

2. Thirty-six demonstrations or lectures at the bedside or in the outpatient department, to demonstrate the diagnosis and treatment of gynæcological patients. *Professor Ward and Assistants*

FOURTH YEAR—

OBSTETRICS

1. Thirty-four clinical conferences to illustrate the management of the obstetrical complications. *Professor Philpott*

2. Group ward rounds once a week to present the current interesting cases. *Professor Philpott*

3. Thirty-two hours in bedside clinics and the caseroom to teach the management of the obstetrical patient. *Senior members of the Staff*

4. Facilities are presented for attending sixteen antenatal clinics. *Members of the Staff*

GYNAECOLOGY

1. Twelve bedside clinics to be given in the gynæcology wards. *Senior members of the Staff*

2. Eight lecture-demonstrations in Gynæcological Pathology. *Dr. Latour and Assistants*

3. Eight hours of clinical instruction are given in the diagnosis and treatment of genital cancer. *Dr. Latour*

4. Facilities are extended for attending sixteen gynæcology outpatient clinics. *Members of the Staff*

Obstetrics Text and Reference Books: Beck, Obstetrical Practice; De Lee-Greenhill, Principles and Practice of Obstetrics; Johnstone, Textbook of Midwifery; Eastman, Textbook on Obstetrics; The Ten Teachers, Midwifery.

Gynæcology Text and Reference Books: Curtis, Textbook of Gynæcology; Novak, Textbook of Gynæcology; Shaw, Wilfred, Textbook of Gynæcology; Ten Teachers, Diseases of Women.

DEPARTMENT OF OPHTHALMOLOGY

Associate Professor	K. B. JOHNSTON, *Chairman*
Assistant Professor	J. V. V. NICHOLLS
Lecturers	B. ALEXANDER R. J. VIGER
Demonstrators	R. A. BOURNE HUGH DUNCAN L. S. S. KIRSCHBERG D. W. MCDONALD WILLIAM TURNBULL

The undergraduate work in Ophthalmology, which is designed to meet the needs of a well-trained general practitioner, embraces the following courses in the third and fourth year of the Medical course:—

THIRD YEAR

1. ROUTINE EXAMINATION OF THE EYE

In this work the class in small groups is drilled in the various tests in the routine examination of the eye, every effort being made to demonstrate methods which, though simple, are adequate and call for the minimum outlay for equipment. Instruction in the use of the ophthalmoscope and familiarization with the appearance of the normal fundus of the eye are an important feature of this preliminary course.

Five hours.....

2. LECTURE DEMONSTRATIONS TO ENTIRE CLASS

This course, variously illustrated, covers the general principles and the systematic side of the subject. It has been designed to furnish a background of essential information for the clinical work of the final year.

Ten hours.....

FOURTH YEAR

CLINICAL OPHTHALMOLOGY

This teaching is conducted in the Ophthalmic clinics and wards of the Montreal General and Royal Victoria Hospitals. The class is divided into groups of ten, each group receiving twenty-five hours instruction. Ocular problems that are of greatest moment in general practice are

discussed. This includes the external diseases of the eye, the main ophthalmological findings in systemic disorders, affections of the nervous system, and as far as possible a co-relation of the clinical and histological ocular changes.

Textbooks: May, Gifford, Parsons, Berens.

Reference books: Duke-Elder.

DEPARTMENT OF OTO-LARYNGOLOGY

Professor	W. J. McNally, *Chairman*
Assistant Professors	E. E. Scharfe
	G. E. Tremble
Lecturer	E. A. Stuart
Demonstrators	A. Grossman
	H. E. McHugh
	F. Shaver
	E. John Smith

Instruction in Oto-Laryngology is given to students of the third and fourth years and is designed to meet the needs of the general practitioner.

The clinical courses are carried on in the wards and out-patient departments of the Montreal General and the Royal Victoria Hospitals, where the large clinics afford the students ample opportunity of receiving practical instruction. In these two hospitals there are about fifty beds set apart for this specialty.

The practical work is conducted in small groups so that personal instruction and supervision are given to each student.

Medical motion pictures are used as a supplement to the class-room lecture and clinical demonstration.

THIRD YEAR

A course of 6 demonstrations is given to students of the Third Year. These demonstrations deal with the normal anatomy of the ear, nose, and throat, and with methods of examination. The students are required to examine the patients and recognize the normal and common pathological conditions of the ear, nose, and throat. Ward rounds are made to illustrate the pre- and post-operative methods of treatment.

Lecture Course:

Ten practical illustrated lectures are given to the whole class. Special emphasis is laid on those surgical procedures which the general practitioner should be capable of performing.

Instruction will be given on the practical value of the bronchoscope in the diagnosis and treatment of diseases of the tracheo-bronchial tree and the œsophagus.

FOURTH YEAR

Sixteen clinical demonstrations are given in the out-patient departments and wards of the hospital. The students are expected to examine the patients and report on them. Differential diagnosis and treatment is stressed.

Text and Reference Books: Ballenger, A Manual of Otology, Rhinology and Laryngology (Macmillan); Geo. D. Wolfe, Ear, Nose and Throat (Lippincott); W. Wallace Morrison, Diseases of the Nose, Throat and Ear (McAinsh); Jackson and Jackson, Diseases of the Nose, Throat and Ear (W. B. Saunders); Chevalier Jackson, Bronchoscopy, Oesophagoscopy and Gastroscopy (W. B. Saunders); Sir St. Clair Thomson and Negus, Diseases of the Nose and Throat (McAinsh).

DEPARTMENT OF PAEDIATRICS

Professor	ALTON GOLDBLOOM, *Chairman*
Associate Professor	ALAN ROSS
Assistant Professors	A. K. GEDDES
	JESSIE SCRIVER
	E. M. WORDEN
Lecturers	H. L. BACAL
	B. BENJAMIN
	R. L. DENTON
	P. N. MACDERMOT
Demonstrators	HELEN BRICKMAN
	S. I. DOUBILET
	VICTOR C. GOLDBLOOM
	ELEANOR HARPUR
	ARNOLD JOHNSON
	DAVID KLEIN
	ROBERT LENNOX
	D. R. MCCRIMMON
	J. H. O'NEIL
	SYDNEY PEDVIS
	F. SHIPPAM
	S. J. USHER
	ISOBEL WRIGHT
Hosmer Fellow	A. E. D. BURNS
Teaching Fellows	T. A. COWAN
	FRANCES MCCALL

REQUIRED COURSES

1. LECTURES

(a) An Introductory course of 12 lectures in the winter term of the second year covering physical and mental development of the infant and child, the bases of nutritional requirements of the growing child, mineral and water metabolism, the embryology of congenital defects.

(b) A series of 36 lectures once weekly during the third year designed to cover the various aspects of Diseases of Children; Nutrition, Hygiene, Infections, Communicable Diseases, Preventive Medicine, etc.

Professor Goldbloom and Staff

2. DISEASES OF THE NEWBORN: ROYAL VICTORIA MATERNITY PAVILION

A weekly clinic-demonstration to groups of students of the third year during their obstetrical quarter.

Professors Goldbloom, Scriver, Ross, Geddes, and Worden

3. CLINICAL PAEDIATRICS

(a) During the third year the class is divided into groups, each group devoting the mornings of six weeks to clinical instruction at the Children's Memorial Hospital.

(b) Groups during the final year will spend four weeks entirely at the Children's Memorial Hospital as clinical clerks under tutors—3 or 4 students to each tutor. Work will be divided between the wards and the out-patients department.

Professors Goldbloom, Ross, and Geddes, and Staff

(c) Care and feeding of the normal infant, immunization procedures, preventive pædiatrics; Child Welfare Clinics.

Professor Scriver, and Drs. Usher, Doubilet, and Benjamin

(d) Infectious Diseases.

A series of demonstrations to groups of students on the common infectious diseases is given at the Alexandra Hospital as part of the instruction of the final year. *Prof. Worden*

Textbooks: Holt and McIntosh, Diseases of Infancy and Childhood; Mitchell and Nelson, Diseases of Infants and Children; Porter and Carter, Management of the Sick Infant and Child; Smith, Physiology of the New Born Infant; Bakwin, Psychologic Care During Infancy and Childhood.

Reference Books: Brenneman, Practice of Pædiatrics (4 volumes); Von Reuss, Diseases of the New Born; Gesell, The Embryology of Behaviour; Patten, Human Embryology; Goldbloom, Care of the Child.

DEPARTMENT OF PARASITOLOGY

Professor	T. W. M. CAMERON, *Chairman*
Associate Professors	DONALD FAIRBAIRN M. J. MILLER
Lecturers	L. P. E. CHOQUETTE R. P. HARPUR

REQUIRED COURSES

SECOND YEAR

2A. HUMAN PARASITOLOGY

This course on the animal parasites of man (protozoa, helminths, and arthropods) comprises about 50 hours of instruction. Special attention is given to parasites found in North America, their diagnosis, bionomics, and pathogenesis as well as to the more important animal vectors of disease. Exotic forms are more briefly discussed. In the practical class, each student examines all the important species as well as the lesions caused by them.

First term—Two lectures and one laboratory period per week.

ELECTIVE COURSES

The Department not only provides facilities for advanced research work at the Institute of Parasitology, but offers diadactic courses in general and comparative parasitology and courses leading to the degrees of M.Sc., and Ph.D. (See Announcement of the Faculty of Graduate Studies and Research).

Textbook: T. W. M. Cameron, The Parasites of Man in Temperate Climates (2nd edition).

DEPARTMENT OF PATHOLOGY

Strathcona Professor	G. LYMAN DUFF, *Chairman*
Professors	ROBERT H. MORE THEO. R. WAUGH
Associate Professor	J. E. PRITCHARD
Assistant Professors	G. C. MCMILLAN R. C. ROSS
Lecturers	M. B. MACKENZIE W. H. MATHEWS F. W. WIGLESWORTH

Sessional Lecturer	KARL STERN
Demonstrators	SERGIO BENCOSME
	M. A. CHARENDOFF
Sessional Demonstrator	M. A. SIMON
Fellows	A. R. BAINBOROUGH
	R. J. BRODRICK
	W. M. DOUGLAS
	D. C. DRAPER
	G. W. STOCK

REQUIRED COURSES

1. COURSE IN GENERAL PATHOLOGY (SECOND YEAR)

A. Lectures with epidiascopic and microscopic demonstrations during the Autumn and Winter terms totalling 60 hours.
Professors Duff, More, and McMillan

B. Practical laboratory classes during the Autumn and Winter terms totalling 72 hours. *Professors McMillan and Ross with Demonstrators*

2. COURSE IN SPECIAL PATHOLOGY (SECOND AND THIRD YEARS)

A. Lectures during the Spring term of second year and throughout the third year totalling 96 hours.
Professors Duff, Waugh, More, and Staff

B. Two practical laboratory classes per week during the Winter and Spring terms totalling 96 hours.
Professors Duff, Waugh, More, and Staff

C. One demonstration of gross pathological material per week to students in small groups throughout the third year totalling 36 hours.
Lecturers and Demonstrators

3. COURSE IN APPLIED PATHOLOGY (THIRD AND FOURTH YEARS)

A. Pathological Conferences with demonstrations of current autopsy material. Once a week during the Autumn, Winter, and Spring terms (54 hours). *Professor Duff*

B. Group instruction in performance of autopsies with demonstrations of autopsy findings, during Autumn, Winter, and Spring terms. Time according to material.

Pathological Institute — *Professors Duff and Ross*

Montreal General Hospital — *Professor Pritchard and Dr. Mathews*

Children's Memorial Hospital — *Dr. Wiglesworth*

Textbooks: Bell, Text-Book of Pathology (Macmillan); Boyd, Text-Book of Pathology (Lea & Febiger); Karsner, Human Pathology (Lippincott); Moore, Text-Book of Pathology (Saunders); Muir, Text-Book of Pathology (Arnold).

Reference Books:

General: Anderson, Pathology (Mosby); Boyd, Surgical Pathology (Saunders); Boyd, Pathology of Internal Diseases (Lea & Febiger); Forbus, Reaction to Injury (Williams & Wilkins); Reimann, Kaufmann's Pathology (Blakiston); Smith and Gault, Essentials of Pathology (Appleton Century); Willis, The Pathology of Tumours (Butterworth).

Special: Naegeli, Blutkrankheiten und Blutdiagnostik (Julius Springer); Whitby and Britton, Disorders of the Blood (Churchill);

Biggart, Pathology of the Nervous System (Livingstone); Buzzard and Greenfield, Pathology of the Nervous System (Churchill); Freeman, Neuropathology (Saunders);

Novak, Gynæcological and Obstetrical Pathology (Saunders);

Geschikter and Copeland, Tumours of Bone (American Journal of Cancer);

Farber, The Post Mortem Examination (Charles Thomas); Saphir, Autopsy Diagnosis and Technique (Hoeber).

DEPARTMENT OF PHARMACOLOGY

Professor — R. L. Stehle, *Chairman*

Associate Professor of Pharmacology — K. I. Melville

Lecturer in Pharmacology — I. T. Beck

The object of the course in pharmacology is to elucidate, as far as knowledge permits, the action of drugs, and thereby lay a sound foundation for drug therapy.

REQUIRED COURSES

1A. PHARMACOLOGY

The action of drugs is considered on the basis of information derived by means of experimental methods and careful clinical observation. The chemistry of the drugs studied is emphasized in order that the student may have a good foundation upon which to follow future developments of the subject intelligently.

Two lectures a week during the Autumn and Winter terms supplemented by one conference and one demonstration a week. Second year.

The conference groups are limited to four students each.

Professors Stehle, Melville, and ———

1B. PHARMACOLOGICAL LABORATORY

The experiments are chosen to illustrate the lecture course.

One period (three hours) a week during the Autumn and Winter terms. Second year. *Professors Stehle and Melville, and Dr. Beck*

Textbooks in Pharmacology: Cushny, Sollmann, Thienes, Krantz and Carr.

OPTIONS

Suitably prepared students may undertake research at any time.

Advanced courses leading to the degrees of M.Sc. or Ph.D. will be arranged to suit individual cases. See Announcement of the Faculty of Graduate Studies.

DEPARTMENT OF PHYSIOLOGY

Joseph Morley Drake Professor	F. C. MacIntosh, *Chairman*
Professor	A. S. V. Burgen
Associate Professors	B. D. Burns
	Norris Giblin
Assistant Professors	Simon Dworkin
	Paul Sekelj
	Kathleen G. Terroux
Lecturer	A. L. Johnson
Demonstrators	V. B. Brooks
	Helen Henrikson
Teaching Fellow	Peter Oborin

FIRST YEAR

1. PHYSIOLOGY

Tuesday, Thursday, Saturday at 9 a.m., beginning in October.

1L. PHYSIOLOGICAL LABORATORY

Three hours a week, from October.

Textbooks:

Systematic Physiology: Best and Taylor, The Living Body; Howell, Textbook of Physiology; Starling, Human Physiology.

Applied Physiology: Best and Taylor, Physiological Basis of Medical Practice; Wright, Applied Physiology.

OTHER COURSES

Further courses are available only to students who have achieved a high standing in the required courses: by application to the Chairman of the Department.

DEPARTMENT OF PSYCHIATRY

Professor — D. E. CAMERON, *Chairman*

Associate Professors
R. A. CLEGHORN
R. B. MALMO
A. E. MOLL
MIGUEL PRADOS
BARUCH SILVERMAN

Assistant Professors
T. E. DANCEY
F. R. HANSON
G. E. REED
TAYLOR STATTEN
KARL STERN
ERIC WITTKOWER

Lecturers
SAUL ALBERT
CARLO BOS
HENRY HERSHON
L. G. HISEY
V. A. KRAL
H. LEHMANN
E. L. MARGETTS
C. H. SKITCH

Demonstrators
H. A. BOWES
WALTER BREMNER
HYMAN CAPLAN
ELLIOTT EMMANUEL
JOAN SPINDLER
M. STRAKER
J. S. TYHURST
SAUL WILNER

REQUIRED COURSES

1. PHYSIOBIOLOGY—A course of twelve lectures will be given in the first year. In this course, the various aspects of human behaviour will be stressed, with special reference to their relationship to medicine.
Professor Cameron

2. PSYCHIATRY—Eighteen lectures on the basic behavioral disorders will be given. During the second year both those disorders which require hospitalization and those which can be dealt with on an ambulant basis will be considered. *Professor Reed and Assistants*

3. 70 hours of clinical instruction will be given during the third year. This instruction will be held primarily on the wards of the teaching hospitals and in the Out-Patient Departments.
Professors Cameron, Prados, and Moll, and Dr. Dancey

4. A course of eight lectures will be given on child psychiatry during the fourth year. *Professor Silverman*

5. Clinical demonstrations, out-patient instruction and ward rounds will be held during the fourth year. Certain of these will be devoted to early behavioral disturbances, psychosomatic and toxic states, and drug addictions. *Professors Cameron, Stern, and Cleghorn*

6. Instruction will be given in adult out-patient psychiatry in the Psychiatric Outdoor Department in the Royal Victoria Hospital, and in child out-patient psychiatry at the Mental Hygiene Institute.
Professors Prados and Silverman

7. Instruction in the care of long term cases, and institutional psychiatry, will be given at the Allan Memorial Institute and Verdun Protestant Hospital. *Professor Reed and Drs. Skitch and Lehman*

DEPARTMENT OF RADIOLOGY

Professor	CARLETON B. PEIRCE, *Chairman*
Associate Professors	J. J. L. BOUCHARD
	JOSEPH W. MCKAY
Assistant Professor	D. L. MCRAE
Lecturer	L. N. STEWART
Demonstrators	H. M. BROWN
	E. F. CRUTCHLOW
	C. F. WHITNEY

FIRST YEAR

In co-operation with the Department of Anatomy, demonstrations are given on the roentgenologic anatomy of the skeletal, respiratory, gastro-intestinal, and urogenital systems, including fluoroscopic demonstrations of functional anatomy of joints, the thoracic viscera, and the alimentary tract. *Professor Peirce and Staff*

SECOND YEAR

INTRODUCTION TO RADIOLOGY

In co-operation with the Department of Medicine (Course II 2) as an introduction to special methods in Physical Diagnosis, the various means of radiologic examination are demonstrated to small groups of students in the Teaching Hospitals. The fluoroscopic and roentgenographic methods of study of the cardio-respiratory and gastro-intestinal systems especially are compared with the clinical means in physical examination.

Professors Peirce and McKay and Staff

THIRD YEAR

III ROENTGEN PATHOLOGY AND RADIATION THERAPY

A course of 24 lectures presenting the general features of roentgen interpretation, systemic roentgen pathology and the principles of roentgen and radium therapy.

Professors Peirce, McKay, Bouchard, and McRae, and Staff

FOURTH YEAR

IV CLINICAL RADIOLOGY

IV (1) Conference periods, two hours weekly each quarter during which the students in the several teaching hospitals discuss clinical case material with the Members of the Department.

Professors Peirce, McKay, Bouchard, and McRae, and Staff

IV (2) Tumour Conference. The final year students are expected to attend the Tumour or Neoplasm Clinics and Conferences in the several teaching hospitals, wherein the various means of diagnosis and treatment of malignant neoplasm are considered by representatives of the several departments of the teaching staffs, and their experience reviewed.

POST-GRADUATE INSTRUCTION

DIPLOMA IN RADIOLOGY

Details of the Post-Graduate course leading to the Diploma in Radiology of the Faculty of Medicine may be obtained from the Dean's Office or the Chairman of the Department.

Post-graduate training prerequisite to certification in the specialty by the Royal College of Physicians and Surgeons (Canada) or the American Board of Radiology is available in the teaching hospitals to selected graduates of approved Faculties or Schools of Medicine.

Text and Reference Books: Sante, Principles of Roentgenological Interpretation; Holmes and Ruggles, Roentgen Interpretation; Rigler, Outline of Roentgen Diagnosis; Hodges, Lampe and Holt, Radiology for Medical Students; Shanks, Kerly and Twining, Text Book of Radiology; Golden (et al), Diagnostic Radiology; Pancoast, Pendergrass and Schaeffer, Head and Neck in Roentgen Diagnosis; Kohler, Roentgenology; Wessen and Ruggles, Urological Roentgenology; Barclay, The Digestive Tract; Pohle, Theoretical Principles of Roentgen Therapy; Glasser, Quimby, Taylor and Weatherwax, Physical Foundations of Radiology.

DEPARTMENT OF SURGERY

Professors — G. Gavin Miller, *Chairman*; R. R. Fitzgerald

Associate Professors

J. C. Armour
H. M. Elder
D. E. Ross
P. G. Rowe
A. L. Wilkie

Assistant Professors

H. L. Dawson
C. M. Gardner
J. C. Luke
C. A. McIntosh
S. J. Martin
H. S. Morton
H. F. Moseley
D. R. Webster

Lecturers

H. A. Baxter
S. G. Baxter
H. S. Dolan
John Gerrie
Mark Kaufmann
G. D. Little
D. W. MacKenzie, Jr.
E. A. McNaughton
H. G. Pretty
A. M. Vineberg

Demonstrators

F. D. Ackman
A. R. Bazin
E. H. Cayford
W. M. Couper
J. C. Dickison
R. I. Estrada
F. N. Gurd
G. A. Holland
R. N. Lawson
R. C. Long
C. K. McLeod
J. C. Sutton
F. W. Woolhouse

ORTHOPAEDIC SURGERY

Assistant Professors
J. G. PETRIE
J. G. SHANNON

Demonstrators
A. A. BUTLER
J. J. DINAN
S. E. GOLDMAN
J. A. L. WALKER
C. LAIRD WILSON

UROLOGY

Clinical Professor
E. S. SMITH

Lecturers
A. B. HAWTHORNE
S. A. MACDONALD
R. G. REID
M. I. SENG

Demonstrators
J. T. MACLEAN
C. M. MOORE
MAX RATNER
ALEX. STRASBERG

REQUIRED COURSES

SECOND YEAR

Surgical teaching begins in the Winter term (24 weeks) of the second year. In this year special attention is directed to the instruction and training of the student in proper methods of physical examination from the surgical point of view. At the same time, instruction is given in methods of surgical technique, and the student is introduced to the simpler types of fractures and dislocations.

2A. A COURSE OF LECTURES (22) covering the history of Surgery and an introduction to the study of surgical diseases.

2B. GROUP CLASSES in the wards of the Montreal General and Royal Victoria Hospitals. At these, small groups of students are instructed in methods of examination as applied to surgery and its allied specialties.

THIRD YEAR

The student comes into a more intimate contact with the patients, and in the surgical trimester is assigned cases, writes case reports, acts as dresser, and assists at operations.

UNIVERSITY LIBRARY

*3A. AMPHITHEATRE CLINICS AND DEMONSTRATIONS in the Montreal General and Royal Victoria Hospitals, one day a week throughout the year.

3B. GROUP WARD CLASSES in the Montreal General and the Royal Victoria Hospitals. Four times week during the term.

3C. CASE REPORTING. Patients are allotted to students who act as reporters, dressers, and assistants at operations.

FOURTH YEAR

*4A. AMPHITHEATRE CLINICS AND DEMONSTRATIONS in the Montreal General and Royal Victoria Hospitals alternately, once a week throughout term.

4B. GROUP WARD CLASSES AND WARD ROUNDS in the Montreal General and Royal Victoria Hospitals, four times a week during the surgical quarter.

4C. CASE REPORTING

4D. CLINICO-PATHOLOGICAL CONFERENCES once a week during the term, jointly with the Department of Pathology, at the Montreal General and Royal Victoria Hospitals.

4E. Two students are in residence each evening from 6:00 to 11:00 p.m., and on call from that time until 7 a.m. at the Royal Victoria Hospital.

SURGICAL DISEASES OF CHILDREN—

Instruction in the surgical diseases of children is given during the trimester in which the students are assigned to pædiatrics at the Children's Memorial Hospital, as follows:

4A. AMPHITHEATRE CLINICS once a week throughout trimester.

4B. GROUP WARD CLASSES three times a week throughout trimester.

ORTHOPAEDIC SURGERY—

FOURTH YEAR

4A. CLINICAL LECTURES. A course of 8 lectures given at the hospitals.

4B. WARD CLASSES at the Montreal General and Royal Victoria Hospitals, once a week during the surgical trimester.

4C. GROUP CLASSES IN THE OUT-DOOR DEPARTMENT of the Montreal General and Royal Victoria Hospitals, twice a week during the surgical trimester.

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*Amphitheatre Clinics 3A and 4A are so arranged that all surgical subjects are presented during the two year course.

ANAESTHESIA —

Students are given practical instruction in the administration of anæsthetics, during their surgical trimesters in the third and fourth years at the Montreal General and Royal Victoria Hospitals.

Close correlation is maintained with the Departments of Anatomy and Physiology as well as with the concurrent instruction in Medicine, Pathology, and Bacteriology.

The course is graded and the student is required to qualify in each grade before he is permitted to advance to succeeding grades.

UROLOGY —

SECOND YEAR

2A. CLINICAL UROLOGY

Group classes, 4 demonstrations, in which instruction in methods of Urological examination is given in the Montreal General and Royal Victoria Hospitals. (See Surgery—2B.)

FOURTH YEAR

4A. CLINICAL LECTURES. A course of theatre clinics in each of the hospitals

4B. UROLOGICAL CLINICS. Ward classes.

The Montreal General Hospital—3 classes a week.

Royal Victoria Hospital—3 classes a week.

4C. CASE REPORTING IN UROLOGICAL WARDS

Instruction in surgery and the surgical specialties is given in the form of didactic lectures, amphitheatre clinics, and demonstrations and group teaching in the wards and out-patient departments of the teaching hospitals. The course is graded. The student must qualify in each year before proceeding to the next.

Textbooks:

1. *General Surgery:* Aird, Companion in Surgical Studies; Bailey, Demonstration of Physical Signs in Clinical Surgery; Berman, Principles and Practice of Surgery; Berman, Synopsis of Principles of Surgery; Christopher, Minor Surgery; Christopher, Textbook of Surgery; Cole and Elman, Textbook of General Surgery; Homans, Textbook of Surgery; Romanis and Mitchener, The Science and Practice of Surgery; Rose and Carless, Manual of Surgery.

2. *Emergency Surgery:* Cole and Puestow, Advanced First Aid; Hamilton Bailey, Emergency Surgery.

McGILL UNIVERSITY LIBRARY

3. *Surgical Anatomy:* McGregor, Synopsis of Surgical Anatomy; Beasley and Johnson.

4. *Fractures and Dislocations:* Magnuson, Fractures; Key and Conwell, Fractures and Dislocations; Watson Jones, Fractures and other Bone and Joint Injuries; Eve, Handbook of Fractures.

5. *Case Reporting:* J. Renfrew White, The Clinical Examination of Surgical Clases; Geckler, Fractures and Dislocations.

6. *Urology*: Eisendrath and Rolnick, Urology; Herman, Practice of Urology; Hinman, Principles and Practice of Urology; Keyes and Ferguson, Urology; Young, Practice of Urology; Le Comte, Manual of Urology; Winsbury-White, Textbook of Genito-Urinary Surgery.

7. *Orthopædic Surgery:* Mercer, Orthopædic Surgery; Willis Campbell, Orthopædic Operations; Sever, Handbook of Operative Surgery; Steindler, Orthopædic Operations.

GRADUATE INSTRUCTION

1. Any medical graduate of McGill University who so desires may attend any of the regular undergraduate clinics. This opportunity frequently appeals to many of our graduates, who find in this plan a means of bringing their knowledge of medicine up to date.

2. Special graduate work is offered in every department, both in the laboratories and in the clinics. Applications in writing, addressed to the chairman of the department concerned, must state the qualifications and experience of the applicant and the nature of the work he desires to do. The minimum fee is $30.00 a term (10 weeks).

A Diploma in Public Health and a Diploma in Tropical Medicine and Hygiene are granted by McGill University.

These courses are conducted by the Department of Health and Social Medicine with the collaboration of other departments in the Faculty of Medicine and the assistance of members of other faculties in the University who have a special interest in this field. Practical instruction and application are made possible through the co-operation of the Department of Health of Montreal and voluntary health agencies.

The Department of Health and Social Medicine is housed in its new quarters at 490 Pine Avenue West, within easy access of the Medical Building. The building contains ample accommodation for lectures seminars, and demonstrations. In addition to the excellent facilities of the Library of the Faculty of Medicine, which are at the disposal of students, the Department has its own library and reading-room. The building is also the headquarters of the Student Health Service.

DIPLOMA IN PUBLIC HEALTH

The course is designed to train graduates in medicine in the increasingly wider concept of the public health service. It includes:

SOCIOLOGY, with special reference to the practice of Medicine;

STATISTICAL METHODS from the point of view of providing an understanding of the fundamental principles of statistics as they are applied to medical science for the critical analysis of surveys and reports; instruction is given in carrying on research involving statistical techniques;

VITAL STATISTICS, including Biometrics, stressing the importance of the accurate recording of essential data, observations, and other findings, together with their practical significance and application;

EPIDEMIOLOGY as defined in its broadest sense, including communicable disease control and the assessment of morbidity in non-communicable diseases;

PUBLIC HEALTH LAW and its administration;

HYGIENE OF THE ENVIRONMENT, including Sanitation, Housing, and Nutrition; Physiological Hygiene;

INDUSTRIAL TOXICOLOGY AND INDUSTRIAL HYGIENE;

HYGIENES (Physical and Mental): Maternal, Infant, Pre-School, School, and Adult;

BACTERIOLOGY, PARASITOLOGY, AND IMMUNOLOGY, as related to public health practice;

SOCIAL AND ECONOMIC FACTORS IN HEALTH; programmes designed to deal with them;

PUBLIC HEALTH PRACTICE: The organization and administration of public health programmes, including Preventive Medicine, especially as they pertain to the public health agency, the family physician, and the social worker;

FIELD WORK: A period of three months' approved field work must be undertaken before the Diploma is granted. Facilities are available in fields of special interest, such as Tuberculosis, Venereal Disease, School Health, etc.

Candidates for the Diploma in Public Health must be graduates in Medicine of a recognized university.

The Diploma in Public Health course covers one academic year from September to April, with three months' additional field work.

UNIVERSITY LIBRARY

The Fee for the Diploma in Public Health is $250.00, a portion of which—$25.00—the candidate is requested to deposit on acceptance of his application. Application must be made before June 1st.

DIPLOMA IN TROPICAL MEDICINE AND HYGIENE

Tropical Medicine is coming to occupy a prominent place in medical education in North America as a direct outcome of the war and the rapid advance of aeroplane travel.

The present course in Tropical Medicine is a development of the short course given during the war to members of the armed forces. It has been revised and adjusted to post-war conditions.

The course of didactic instruction occupies a full academic year. Classes for the first term are in common with those for the Diploma in Public Health. Those for the second term are held at the Institute of Parasitology at Macdonald College of McGill University. The teaching collection at the Institute is a large and representative one. The work is practical as well as theoretical, and includes a study of Parasitology and Medical Entomology, laboratory diagnoses of tropical and sub-tropical diseases, and lectures on the diseases of the tropics, on tropical hygiene, and minor sanitation.

Clinical instruction must, of necessity, be limited in temperate climates. This aspect is, therefore, deferred to the final part of the course which is given in the tropics at the conclusion of the didactic instruction. The course consists of clinical and field work for which arrangements have been made with Georgetown, British Guiana, Port of Spain, Trinidad, and Venezuela.

Candidates for the Diploma in Tropical Medicine and Hygiene must be graduates in medicine of a recognized university. Certain additional courses may be required of those who are not recent graduates or of those who have not had sufficient clinical practice.

The Fee for the Diploma in Tropical Medicine and Hygiene is $250, or $50.00 if preceded by the D.P.H. course at McGill University, or $100.00 for those who have taken the D.P.H. elsewhere.

Application must be made prior to June 1st.

BUILDINGS—

THE MEDICAL BUILDING

This building, erected in 1911, contains the Offices of Administration, the Medical Library (with its 74,000 volumes, its Reading Rooms, and their complete set of technical journals), the Department of Anatomy, and the Museums of Anatomy and Ethnology. The Faculty of Dentistry is also in this Building.

The Department of Anatomy, with its commodious laboratories, its dissecting room, with 50 tables, and its very unusual abundance of material, affords unequalled facilities for students. Moreover, graduates who desire opportunities for research are adequately cared for in this Department. The laboratories for Histology and Embryology have excellent facilities with space for 120 students, and smaller rooms for research.

THE BIOLOGICAL BUILDING

Completed in 1922, this building was erected on the site of the original Medical Building, which was partly destroyed by fire in 1907. The extensive structure—184 feet by 60 feet—houses on each of its floors laboratories devoted respectively to Botany, Zoology, Genetics, Biochemistry, Physiology, and Pharmacology.

Each of these departments is amply provided with laboratories and units for undergraduate teaching and graduate research.

Adjacent to and connected with the Biological Building is the laboratory for Experimental Surgery. This two-storey building contains two operating units with sterilization and anæsthetic rooms, as well as commodious quarters for the storage of animals and their care during convalescence. The equipment is very complete and includes a refrigerator plant and kitchen.

THE PATHOLOGICAL INSTITUTE

This building, which was opened for use in October, 1924, and which is connected with the Royal Victoria Hospital and the Montreal Neurological Institute by tunnels, is situated on the northeast corner of University Street and Pine Avenue, adjacent to the Medical Building. It provides accommodation for the departments of Pathology and Bacteriology and includes a Pathological Museum and museum workshops. It combines under one roof quarters for teaching and research in these departments, and it provides ample facilities and equipment for instruction of students, and the research work of the Staff.

MCGILL UNIVERSITY LIBRARY

THE MONTREAL NEUROLOGICAL INSTITUTE

This eight-storey building, which is situated on University ground adjacent to the Pathological Institute and the Royal Victoria Hospital, was opened in 1934. Unsurpassed in its equipment and facilities for research, as well as the medical and surgical treatment of disorders of the nervous system, it houses the University Department of Neurology and Neuro-surgery, which conducts both undergraduate and graduate teaching in the Faculty of Medicine. In addition to wards, operating rooms, and laboratories for treatment and study of diseases of the nervous system, the building provides facilities for graduate study and research in the related fields of basic science.

THE ALLAN MEMORIAL INSTITUTE

In 1943 a large building and site were donated as a basis for the development of an Institute of Psychiatry. The building was reconstructed to permit of the establishment of a fifty bed unit, together with extensive research laboratories, and was officially opened July 12th, 1944. Since that time, both undergraduate and postgraduate teaching have been carried on.

THE DONNER BUILDING

The Donner Building for Medical Research, adjacent to the Medical Building, was completed in September 1948. Its erection was made possible through the generosity of William H. Donner of Philadelphia, the founder of the International Cancer Research Foundation, who provided the funds necessary for the construction of a building entirely devoted to medical research.

This building houses the Maxwell Lauterman Laboratories for Experimental Surgery and laboratories for Cytology and Dentistry.

HOSPITALS

Few medical schools on this continent offer better facilities than those enjoyed by the students of McGill University. Ideal academic and topographical conditions exist for the teaching of scientific and practical medicine.

The Medical Faculty is on the University Campus, and is thus in juxtaposition to the scientific laboratories of the University and to the largest teaching hospital in the city. Co-operation with the scientific and cultural departments of the University, as well as with clinical facilities, is thus made easy.

The following hospitals and institutions are at the disposal of the teaching staff and students for clinical and pathological study:

Royal Victoria Hospital
Montreal General Hospital
Children's Memorial Hospital
Alexandra Hospital for Infectious Diseases
Verdun Protestant Hospital
Royal Edward Laurentian Hospital
Royal Victoria Montreal Maternity Hospital

The staffs of these institutions are appointed with the co-operation of McGill University and, for the most part, are teachers in the Medical Faculty. These affiliated hospitals contain over 3,000 beds.

The Royal Victoria Hospital, in juxtaposition to the University buildings, comprises the following units under one administration:

1. The Royal Victoria Hospital proper, or the Main Building;
2. The Ross Memorial Pavilion for private patients;
3. The Women's Pavilion—Royal Victoria Montreal Maternity;
4. The Allan Memorial Institute.

The total bed complement is 739, with 96 bassinets. Admissions total approximately 17,500 and confinements are in excess of 3,000 a year. There are some 50,000 visits annually to the Out-Patient Department. The University Clinic was established in 1924 and has facilities for both clinical laboratory work and research.

Post-mortems total 55 per cent of the deaths.

The number of resident physicians is 96.

The Royal Victoria - Montreal Maternity Pavilion, with 214 beds for obstetrical and gynæcological cases. In this institution there are 117 teaching beds and an organized out-patient service which is of the greatest benefit to the undergraduate student. In a typical year, the obstetrical service cared for over 3,000 confinements in the Hospital. In the gynæcological section, over 2,000 cases are admitted during the year.

There are ten resident physicians.

The Montreal General Hospital Central and Western Divisions is a general hospital of 650 beds for the treatment of acute diseases. In a typical year, there were approximately 14,000 admissions, while out-patient consultations for the same period approximated 167,000. The resident and interne staff numbers 80.

UNIVERSITY LIBRARY

The "Montreal General" was founded in 1821 on its present site; two smaller buildings downtown had preceded it in 1816 and 1819. In actual age, therefore, it is not by any means the oldest hospital in Canada, but its record in clinical teaching is easily the longest on the North American continent.

As soon as the Hospital opened, its staff began to arrange for students and, in 1824, they opened the first Medical School in Canada, the Montreal Medical Institution, with 25 students. Their teaching was carried on partly at the Hospital.

It was this School which agreed to form the Medical Faculty of McGill University in 1828. The University at that time had practically no students of any kind, and as it was required by the terms of the McGill bequest that teaching should begin before 1829, on penalty of losing the estate, The Montreal Medical Institution, with its ready-made course, came as a salvation. That was the beginning of the long and intimate association between the Hospital and the University.

The Children's Memorial Hospital has 185 public beds, and, in a typical year, admitted 4,000 patients. The attendance at its out-door department totalled over 40,000 visits. This hospital admits all classes of cases of disease in children except pulmonary tuberculosis and the communicable diseases, and enables students to get a broad concept of pædiatrics.

There were 111 autopsies in a typical year, which represented 84.6% of all deaths.

The number of resident physicians is 40.

The Alexandra Hospital for Infectious Diseases, opened in 1906, with modern wards, cubicles, and equipment, is regularly attended by students, who receive demonstrations on the essential features of the exanthemata.

There are three wards for the treatment of tuberculosis in children. There are 150 beds (including 50 for tuberculosis) and the average yearly admissions range between 1,500 and 2,000.

There is a resident senior physician and there are three junior physicians.

The Verdun Protestant Hospital has 1,100 beds.

The Royal Edward Laurentian Hospital (Montreal Division), 3674 St. Urbain Street, consists of a large anti-tuberculosis dispensary and a 52-bed hospital unit designed and equipped for thoracic surgery. Its objectives are the study, prevention, and cure of tuberculosis. This Hospital, along with its Laurentian Division (located in Ste. Agathe des Monts) offers students excellent opportunities to obtain instruction in all aspects of chronic pulmonary disease, more particularly pulmonary tuberculosis.

THE MEDICAL LIBRARY

Honorary Librarian R. L. STEHLE

The Library occupies the central front section of the medical building. It contains more than 74,000 bound volumes and an extensive collection of pamphlets, theses, government publications, and other items.

On the third floor are the pleasant, well-lighted reading room capable of accommodating seventy-five readers, and the periodical room, the catalogue, the charging desk, and exhibits of library treasures. The second floor contains the book stacks and three study rooms available to members of the teaching staff. The first floor is devoted to the technical operations of the library—ordering, cataloguing, etc.

The chief value of the Library is in its periodical collection. Relatively little in the way of important journal literature in all languages is not available in it. The book collection contains many rare volumes, some dating back to the sixteenth century. Among the books and journals the ophthalmological section, due in large measure to many gifts from the late Dr. Casey A. Wood, is excellent.

The Library is for the use of the members of the Teaching Staff, graduates of the Medical Faculty of the University, undergraduate students in the Faculty, graduates from other medical schools, showing proper credentials, and graduate nurses. Graduates living at a distance may borrow books and journals on payment of carriage both ways.

The Library is closed on Sundays, but is otherwise open daily during the academic session from 9 a.m. to 6 p.m., and 7:30 to 10 p.m., except Saturdays, when it is closed at 5 p.m. After June 15th it is open from 9 a.m. to 5 p.m.; Saturdays, 9 a.m. to 1 p.m. During July and August it is closed on Saturdays.

THE OSLER LIBRARY

Librarian W. W. FRANCIS

This special library of the history of medicine and science, collected by Sir William Osler with a view to its educational value, was bequeathed by him to his Alma Mater. The Osler Library, which comprises nearly 9,500 volumes, occupies a large room, beautifully equipped, on the third floor, convenient to the Medical Library. The collection is rich in early editions of the older literature, as well as in modern historical works; and its importance and usefulness are much enhanced by the donor's annotated catalogue. Planned and prepared by Osler along very unusual lines, the catalogue was completed, indexed, and printed after his death (Bibliotheca Osleriana, Clarendon Press, Oxford, 1929, xxxvi, 785 pp.).

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The books are classified in eight sections, of which the first, the "Bibliotheca Prima," presents a bibliographical outline of the evolution of science (including medicine), and was planned to contain the essential literature arranged chronologically under the names of the greatest contributors to the advancement of knowledge. Another feature of the Library is its Incunabula, a valuable collection of 137 books printed in the fifteenth century.

The Osler Library is open daily, except Sunday, for the use of undergraduates and all who are interested. The Librarian will be glad to give advice or informal instruction to students. Accommodation is provided for readers. The books belonging to the original collection may not be borrowed or removed from the Library, but this restriction does not apply to the current works on the history and biography of medicine and science which are constantly being added.

MEDICAL SOCIETIES

McGILL UNDERGRADUATE MEDICAL SOCIETY

The Society is composed of the registered students of the Faculty. Its purpose is:

(1) To transact all matters of business connected with the undergraduate body.

(2) To stimulate interest along medical lines.

(3) To assist students to express themselves in public with facility.

(4) To provide an enjoyable social evening, at the same time developing a strong spirit of faculty loyalty.

Meetings are held every alternate Monday, at which addresses are given by prominent professional men, medical and otherwise. Case reports are also read and discussed by the members themselves.

The annual meeting is the last meeting in the spring, when the following officers are installed: Hon. President (elected from the Faculty), President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter, and three Councillors (of whom two are chosen from the Faculty). These officers are elected by ballot one week before the annual meeting.

A prize competition has been established in the senior and junior subjects. The senior are open to all to write upon, while only students of the first three years are allowed to compete in junior subjects. The papers are examined by a board selected by the Faculty, and two prizes are awarded in each division. The papers are subject to the call of the

Executive on December 1st, and must be handed in for examination before February 1st. The Society also controls the Students' Reading Room. English and American journals, as well as the leading daily newspapers are kept on file.

ALPHA OMEGA ALPHA HONORARY MEDICAL SOCIETY

This Society, which has Chapters in the various Medical Colleges of Canada and the United States, established a subsidiary branch at McGill University in 1912.

There are honorary, graduate, and undergraduate members. Honorary members are selected from such teachers as are more particularly interested in the advancement of scientific medicine. Undergraduate members are selected from those students who, during their earlier academic career, have shown promise of development and have attained honour rank. They are eligible for election in the third and fourth years.

Meetings are held every month throughout the session, and papers are read by honorary and active members, as well as by graduates. Once during the year an open meeting is addressed by a visitor who is prominent in the medical world.

OSLER SOCIETY

The Osler Society was founded in the Spring of 1921 by a number of undergraduates in Medicine, its object being to perpetuate the memory and teachings of Sir William Osler by the reading of papers and discussion of topics reflecting his ideals of a liberal medical education. Thus those interested may supplement their clinical and scientific knowledge by the consideration of those topics of medicine which are of historical and literary significance.

The membership includes men from each class in the Faculty. Several professors have shown an active interest in the Society and have added a more mature note to the discussion. Each year an Honorary President has been elected from this older group.

McGILL UNIVERSITY LIBRARY

McGill University

Montreal

Faculty of Medicine

Courses of Graduate Instruction

MCGILL UNIVERSITY LIBRARY

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

McGill University

COURSES IN GRADUATE STUDY AND TRAINING TOWARDS DIPLOMAS IN THE CLINICAL DEPARTMENTS OF THE FACULTY OF MEDICINE

The following regulations apply to all Diploma Courses:

(1) In each clinical department offering courses towards a Diploma there is a small committee headed by the Chairman of the Department. This committee is responsible for the selection of candidates, the general outline of the work which each candidate will follow and the appointment of a tutor for each candidate.

(2) It is hoped that each student will spend his period of training in more than one hospital, in that this will provide a more diversified experience.

(3) The various Diploma Courses in the clinical departments of the Faculty of Medicine lead to the award of diplomas by McGill University and, as a consequence, every student enrolled in such a course of study must be registered as a student of McGill University. In order that this be done, it is essential that:

(a) Application for admission to a Diploma Course must be made on the appropriate form and submitted by the candidate to the Chairman of the appropriate department. If the application is approved, this form is sent to the Dean of the Faculty of Medicine by the department concerned.

(b) On beginning the actual course of study leading to a Diploma the candidate must obtain three copies of the sessional application form, have them signed by the Chairman of the Department and present them to the Dean of the Faculty of Medicine for his signature. One of the forms will be retained by the Dean and the candidate carries the remaining two forms to the Registrar's Office. After registration has been completed the candidate returns one copy of the form to the Chairman of the department and keeps the other in his own possession. This process of registration must be carried out at the beginning of each year of study in a Diploma Course and the final date for such registration is October 1st. Failure so to register will result in the candidate not being granted credit towards the Diploma for the work carried out during the particular year. Should a candidate be permitted to begin a Diploma Course at other than the usual date of July 1st., then registration must be carried out within three months of the commencement of the course if the candidate is to be granted credit for work done during that year.

(4) The fees charged are as follows:

(a) There is a registration fee of $10 which is paid each year on registration, except when a student is enrolled in the Faculty of Graduate Studies and Research as a candidate for the degree of M.Sc. or Ph.D., when he will come under the regulations, including fees, laid down by that Faculty.

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(b) Certain of the Diploma Courses require the payment of fees in addition to the annual registration fee. Detailed information concerning these fees is set forth at the conclusion of the description of the individual Diplomas.

(5) In the case of a student who is not proceeding to an M.Sc. or Ph.D., but for whom the committee in charge, on the recommendation of the tutor, considers it important that the student should spend some time in study in one of the medical sciences, individual arrangements will be made by the Chairman of the Department, either directly or through the student's tutor with the Chairman of the Medical Science concerned. Such students would be enrolled in the Faculty of Graduate Studies and Research and would be governed by the rules and regulations of this Faculty in regard to fees, etc., applicable to partial students.

(6) The courses will be open to other than McGill graduates in Medicine and entrance to the courses after the prerequisite year is permitted to suitable graduates from other universities.

(7) Candidates may apply to enter a course who have already fulfilled the prerequisites and part of the graduate study and training. Each student must spend at least two years of graduate study and training in a clinical department of the Faculty of Medicine of McGill University.

(8) Initial inquiries should be directed to the Secretary of the Faculty of Medicine.

DIPLOMA IN ANAESTHESIA

Prerequisites: (a) A degree from an approved Medical College or School.

(b) One year's interneship, in Medicine, or in a rotating manner.

Three Years Of Graduate Training:

(a) Each candidate must be a Resident Anaesthetist for three years in several hospitals, approved of by McGill University, and must rotate from one hospital to another every six months.

(b) Each hospital allows the candidate to attend laboratory *Courses*, without interruption, at the times set by the Department.

(c) The Laboratory Courses are arranged with the Chairmen of the Departments of: Anatomy, Biochemistry, Pharmacology, and Physiology. In each instance the *pervading* idea is that of Anesthesia. In Anatomy there are 16 periods of 2 hours each. In Biochemistry there are 12 periods of 2 hours each. In Pharmacology there are 8 periods of 1 hour each. In Physiology there are 10 periods of 3 hours each.

(d) Throughout the three-year course, once-a-week, evening *colloquia* are conducted for the purpose of discussing interesting cases and the reading of papers.

(e) Throughout the three-year course, once-a-week, *Seminars* are directed. In these, each candidate is given opportunity to report on allocated literature and to learn how to teach.

(f) A thesis is required from each candidate and a final examination is conducted.

(g) The tuition fee for the complete course is approximately $150.

DIPLOMA IN DERMATOLOGY AND SYPHILOLOGY

Prerequisites: (a) A degree from an approved Medical College or School.

(b) *One year's* rotating interneship or an interneship in Medicine or Pathology or a combination thereof.

First Year of Graduate Training: A senior interneship or Assistant Residency in Dermatology and Syphilology at one of the teaching hospitals affiliated with McGill University. The work of this year should be largely clinical. During this year the graduate student will be required to do extensive reading in the basic sciences as applied to his specialty as well as in Internal Medicine.

Second Year of Graduate Training: This will be taken as a fellowship year devoted to further study and investigation of one or more problems as determined by the head of the Department. This will require of the graduate student particular attention to and study of those aspects of the basic sciences which are applicable to the investigative problems he has in hand.

Third Year of Graduate Training: This year may be taken as a Resident in the Department of Dermatology and Syphilology. The candidate will continue his investigative problems and will be expected to take some part in the teaching of undergraduate students.

A thesis acceptable to the Departmental Committee will be required before the candidate will receive his Diploma in Dermatology and Syphilology.

The entire course will be under the supervision of the chiefs of the Dermatological Service of the Montreal General and the Royal Victoria Hospitals. They will be responsible for the training of the graduate directly attached to their respective clinics. A close co-ordination of training in the best interests of the graduate student as between the two hospitals staff will be developed to the utmost. The instruction will be

LIBRARY

largely of the preceptor-student type with some exceptions in the special basic and associated sciences.

These latter studies will be largely undertaken in the first two years of graduate study. Those aspects of Embryology, Histology, Physiology, Biochemistry and Bacteriology, as related to Dermatology will be studied by the student. These courses of study will be outlined for him and it will be his responsibility to master them thoroughly.

Histopathology of the skin will be emphasized throughout the entire course of training. The graduate student will be required to make a special study of the practical aspects of Immunology and Serology, Mycology, Parasitology and Bacteriology and Allergy in their relation to Dermatology and Syphilology.

All graduate students in this course will be expected to attend a general course of lectures on the Recent Advances in Medicine available to all students enrolled in diploma courses in clinical subjects conducted under the Medical Faculty of McGill University.

There will also be departmental colloquia, seminars and clinical conferences which will be compulsory, as well as attendance at Medical, Pathological and Surgical staff conferences and the meetings of the local medical societies.

DIPLOMA IN INTERNAL MEDICINE

The Diploma Course is of 4 years' duration after the completion of a rotating interneship or interneship in Pathology as a prerequisite. Two of these years must be spent at McGill University or at one of its associate teaching hospitals which are, for this purpose, Montreal General Hospital, Royal Victoria Hospital, Queen Mary Veterans Hospital, and in exceptional instances, the Children's Memorial Hospital.

One of the years is to be spent as an investigative year during which the candidate may not take part in the routine care of patients. This year may be taken in one of the basic sciences or in clinical investigation.

Usually the course runs something as follows:

1st Year: Senior Interneship in Medicine
2nd Year: Assistant Residency in Medicine
3rd Year: Investigative Year
4th Year: Teaching Fellowship or residency, travel to various centres, etc.

At the present time the Committee will accept one year in routine Pathology as one year of the course but this does not count as the

investigative year and for the individuals taking routine Pathology as part of the course the Committee strongly urges them to take the investigative year in a clinical department. It is, of course, always possible for an individual to take his investigative year in the Department of Pathology provided that he has not taken the routine year in Pathology as part of the course.

The Committee is not responsible for obtaining positions of interneship or Assistant Residency for candidates. Application must be made separately to the hospitals concerned by the candidate himself. Positions must be approved by the Committee.

There is a course of formal lectures one evening a week throughout the session, preceded by a seminar given by one of the candidates and followed by a colloquium by groups of teachers, subjects chosen by a committee of the candidates. This course is of 2 years' duration. There are oral examinations at the end of each year and a written and oral examination which may be taken at the end of either the 3rd or 4th year.

At the end of the investigative year a thesis of about 50 pages in length must be submitted on the work done by the candidate during the year. In the case of individuals taking an M.Sc. in any university department, a satisfactory thesis presented for this degree will be automatically accepted as a thesis for the Diploma Course.

The fee for the course at the present time is $50.00 made up of $10.00 registration fee, $20.00 for lecture course and $20.00 for seminars and colloquia.

DIPLOMAS IN NEUROLOGY AND NEUROSURGERY

Registration of an applicant in the diploma course for neurology or neurosurgery may be made after recommendation is forwarded by the Professor of Neurology and Neurosurgery to the Dean. Registration is possible in some cases after the candidate has begun his work.

DIPLOMA IN NEUROLOGY

Prerequisites: (a) A degree from an approved Medical College or School.
(b) One year's interneship in a recognized hospital in Medicine.

In order to qualify for the Diploma in Neurology the candidate must complete, in addition to the above prerequisites, the following units:

UNIVERSITY LIBRARY

A. One academic year of work in a basic science which leads successfully to the degree of Master of Science in the Faculty of Graduate Studies and Research of McGill University. This basic science must be in a related field, such as Neuro-pathology, Neuro-physiology, Neuro-anatomy, Bio-chemistry, Endocrinology, etc., together with required cognate courses. The work may be carried out as arranged either in the Department of Neurology and Neurosurgery or in some other department of McGill University. The subject of the investigation followed towards this degree must receive approval from the Chairman of the Department of Neurology and Neurosurgery.

B. Six months in *Psychiatry* in the Department of Psychiatry at McGill University. (Note: Under special circumstances the candidates may substitute six months in the Department of Psychiatry in some other accredited hospital or university).

C. Six months in Neuro-surgery at the Montreal Neurological Institute. (Note: Under special circumstances a candidate may substitute neuro-surgical training received in the neuro-surgical department of some other accredited hospital or university).

D. One year of service in clinical Neurology at the Montreal Neurological Institute, including work in Neuroanatomy.

E. A three-month period during which the candidate will devote his mornings to x-ray and electroencephalography and his afternoons to work in out-patient clinics at the Montreal General, Royal Victoria and Children's Memorial Hospitals. He will also carry out the commoner biochemical tests in use in clinical studies of the nervous system. In case the candidate has had extended experience in any of these subjects this quarter may be altered according to his qualifications.

F. *Oral Clinical Examination.* Before receiving the diploma the candidate must successfully pass an oral examination in clinical Neurology and Neurosurgery. There will be one internal and one external examiner.

DIPLOMA IN NEUROSURGERY

Prerequisites: (a) A degree from an approved Medical College or School.

(b) One year's interneship in general surgery.

In order to qualify for the diploma in Neurosurgery the candidate must complete, in addition to the above prerequisites, the following units:

A.** One academic year of work in a basic science which leads successfully to the degree of *Master of Science* in the Faculty of Graduate Studies and Research of McGill University. This basic science must be in a related field, such as Neuro-pathology, Neuro-physiology, Neuro-anatomy, Biochemistry, Endocrinology, etc., together with the required cognate courses. The work may be carried out as arranged either in the Department of Neurology and Neurosurgery or in some other department at McGill University. The project must receive approval from the Chairman of the Department of Neurology and Neurosurgery on the recommendation of the student's tutor.

B. Six months in *clinical Neurology* at the Montreal Neurological Institute (Note: Under special circumstances, credit for six months of clinical Neurology in some other accredited hospital or university department of Neurology may be accepted).

C.** Six months in special work in a *related field* such as Neuro-physiology, Neuro-anatomy, Neuro-pathology, Biochemistry, Endocrinology, Metabolism, Psychiatry, etc., acceptable to the Chairman of the Department of Neurology and Neurosurgery.

D. Two years in *clinical Neurosurgery* at the Montreal Neurological Institute.

E. *Oral clinical examination.* Before receiving the Diploma, the candidate must successfully pass a final oral examination on clinical Neurology and Neurosurgery to be conducted by an internal and an external examiner.

DIPLOMA IN OBSTETRICS AND GYNAECOLOGY

Prerequisites: (a) A degree from an approved Medical College or School.

(b) Rotating service as a junior interne to include as far as possible Medicine, Surgery, and Obstetrics, but as an alternative a year in Medicine.

First Year of Graduate Training: As an interne in Obstetrics and Gynæcology. If this subject has in part been taken already in the prerequisite year an equivalent period of time will be taken in laboratory work in Pathology or Bacteriology.

Second Year of Graduate Training: This year will be occupied either as an assistant resident in the Department or as a fellow. In special instances he will be allowed to spend this year in general surgery, or in the Department of Internal Medicine.

**Either unit A or C must be carried out in the Department of Neuropathology at the Montreal Neurological Institute.

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Third Year of Graduate Training: The student will either be resident or a fellow. If the former he will be in charge of the clinic and will devote his time to clinical work and teaching. If the latter he will devote his time to scientific or clinical investigation of problems determined by the Departmental Committee on the recommendation of his tutor.

Fourth Year of Graduate Training: It is deemed advisable that every student should spend one year at least as a resident, but under special circumstances this ruling may be rescinded and a student spend two or more years as a fellow. Part of this period may be devoted to enrolment in the Faculty of Graduate Studies and Research towards an M.Sc. degree or be spent at extra mural clinics approved by the Departmental Committee.

Vacancies will be limited to three a year.

Fellows would be required to pursue studies in one or more of the following subjects:

ANATOMY AND EMBRYOLOGY

General instruction in the anatomy and development of the pelvis and pelvic organs. The gross anatomy of the abdomen and special dissections in the field of pelvic anatomy. Special study of the pelvic bones and where possible comparative anatomy. The opportunity of demonstrating anatomy to the undergraduate students would be a special part of this training. While certain didactic teaching doubtless would be advisable the training would be, in large part, in the practical work of the Department.

PHYSIOLOGY

A study of the principles underlying the function of the pelvic bones. The relation of œstrus to menstruation as observed in the laboratory animal and the disorders of function observed in the human reproductive system.

PATHOLOGY

The graduate student would serve in the University Department of Pathology, and in the Department of Pathology of the Department of Obstetrics and Gynæcology. During the period of study attendance at the staff conferences, autopsies and teaching periods would be required.

BACTERIOLOGY

Time would be devoted to study of general bacteriological methods with special attention to the determination of the bacteriological flora of the genital tract in health and disease.

BIOCHEMISTRY

For the occasional student, special instruction would be required in the general field of biochemical investigation. The principal techniques in the assay of blood and urine for the determination of glandular function as related to the action of the sex glands, together with a working knowledge of liver and kidney function tests.

COMPREHENSIVE EXAMINATION

A comprehensive examination will be required at the end of the course. It will be necessary to submit a thesis relative to some special phase of work the applicant has completed.

DIPLOMA IN OPHTHALMOLOGY

Prerequisites: (a) A degree from an approved Medical College or School.
(b) One year junior interneship in a recognized hospital.

First Year of Graduate Training: A junior interneship in the Department of Ophthalmology of either the Montreal General or the Royal Victoria Hospital.

Second Year of Graduate Training: This year will be spent as a senior interne or resident in the Department of Ophthalmology in either the Montreal General or the Royal Victoria Hospital. Weekly lectures are given throughout the session on the basic sciences.

Third Year of Graduate Training: This year will be devoted to study in the Medical Sciences, which may comprise work in Anatomy, Physiology, Biochemistry, Bacteriology, Pathology, Physics, or Pharmacology, or any combination thereof, as arranged by the Departmental Committee on recommendation of the candidate's tutor. It is recommended that the candidate should visit outside centres for basic courses and clinics and sit for his certification examination.

Fourth Year of Graduate Training: During this year the candidate will be required to prepare a thesis, the subject of which may be of his own choice, on the approval of his tutor. He will be given guidance by the staff of the Departments of Ophthalmology of the Montreal General and the Royal Victoria Hospitals and arrangements will be made by the head of the Department of Ophthalmology, or through the candidate's tutor, for assistance to be made available by the staff of other departments of the University to which the subjects of his thesis may be particularly related. The thesis will be in part fulfilment of the requirements for the Diploma.

There will be one vacancy available each year.

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The sequence as above stated may be varied to meet existing conditions.

It is necessary that two of the four years be spent at McGill University Centre, the other two years may be spent at some other recognised centre providing the necessary requirements are fulfilled.

DIPLOMA IN OTOLARYNGOLOGY

For the time being a Diploma in Otolaryngology is not being offered. However, a clinical course of training for three years is available in the three teaching hospitals of McGill University which will help to prepare a candidate for certification in Otolaryngology.

DIPLOMA IN PAEDIATRICS

Prerequisites: (a) A degree from an approved Medical College or School.

(b) One year's interneship in Medicine, a general rotating interneship, or an interneship in Pædiatrics.

First Year of Graduate Training: A senior interneship or assistant residency in Pædiatrics, including a period in infectious diseases if not already taken.

Second Year of Graduate Training: A residency in Pædiatrics, including special studies in Pædiatric Pathology, Psychiatry, Neurology, Biochemistry, etc.

Third Year of Graduate Training: A teaching fellowship in Pædiatrics with opportunities for research in special problems or a residency in Pædiatrics.

Fourth Year of Graduate Training: A continuation of the teaching fellowship and research activities or a residency in Pædiatrics.

The rotation of the last three years may be modified by the Departmental Committee on the advice of the tutor to suit special circumstances.

With the permission of the Departmental Committee on the recommendation of his tutor, one or any two of the last three years may be spent in another approved clinic.

During the last two years the candidate may enroll in the Faculty of Graduate Studies and Research for fulfillment of the requirements of an M.Sc.

All candidates, other than those proceeding to the degree of M.Sc. will be required to present a thesis on an approved subject during the final year of the course in partial fulfillment of the requirements for the award of the Diploma.

There will be two vacancies each year.

DIPLOMA IN PSYCHIATRY

Prerequisites: (a) A degree from an approved Medical College or School.

(b) A general interneship of one year's duration.

First Year of Graduate Training: This year must be spent at one of the clinical centres in which early forms of breakdown are under study and in which active instruction in psychotherapy is being carried on. Attendance at seminars on Neuro-anatomy, Neuropathology, Social Psychiatry, Psychoneuroses, Psychology, Sociology, Psychoanalysis, Psychodynamics, Biochemistry, Genetics, Endocrinology, Psychotherapeutics and Psychoses is compulsory, as is participation in conferences and ward rounds. Students are assigned to tutors in groups of three or four, who will exercise special supervision on their progress in psychotherapy.

Second Year of Graduate Training: The work of the First Year is continued at a more advanced level, the seminars including Research Methods, Electroencephalography, Psychotherapy, Anthropology, Psychosomatics, Internal Medicine, Group Dynamics. During the latter part of this year a certain number of students are assigned to work in the psychosomatic field under supervision on the wards of the Department of Internal Medicine. During this year the student is expected to participate in group psychotherapy, he has training in out-patient work and may be asked to undertake the development of a problem in clinical research.

Third Year of Graduate Training: Approved by the planning committee, students may either take this Third Year in some centre outside the Montreal area, or they may pursue special studies in child psychiatry at the Children's Memorial Hospital, or the Mental Hygiene Institute; in Neurology at the Montreal Neurological Institute; in Experimental Psychology in the Division of Psychology in the Allan Memorial Institute, or in care of long-term cases in the Verdun Protestant Hospital; or in Community Psychiatry in the Mental Hygiene Institute. During this year the teaching responsibilities of the student are increased.

Fourth Year of Graduate Training: This year may be spent either in study at some centre outside the Montreal area or in special studies as indicated in the Third Year or in research in one of the research departments of McGill University. The centres within the Montreal area used for training purposes are the Allan Memorial Institute, the Montreal Neurological Institute, the Mental Hygiene Institute, the Department of Internal Medicine in the Royal Victoria Hospital, the University Clinic in the Department of Medicine of the Royal Victoria Hospital, the Montreal General Hospital, the Verdun Protestant Hospital, the Children's Memorial Hospital, the Queen Mary Road Veterans Hospital

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and the Ste. Anne de Bellevue Veterans Hospital. By special arrangement research students can be assigned to either the Department of Medicine or of Social Sciences in McGill University.

Substitutes and rearrangements can be made with the consent of the departmental committee.

DIPLOMA IN RADIOLOGY

Prerequisites: (a) A degree from an approved Medical School or College;

(b) One year of junior interneship, preferably on a rotating service.

(c) A further year of interneship in Internal Medicine is recommended for those who may later wish to qualify for the Fellowship of the Royal College of Physicians of Canada.

First Year of Graduate Study in Radiology: A Senior Interneship in Radiology in either the Montreal General Hospital or the Royal Victoria Hospital, or the equivalent. During this year, special attention will be paid to Pathology, Radiation Physics and Bio-Physics. When Pathology has not been included in the preparatory interneship noted above, attendance on Pathologic conferences and post-mortem examinations, and the study of biopsy material will be required. The study of Physics and Bio-Physics will include lectures, assigned reading and special demonstrations. These cognate subjects will be pursued throughout the three years of the clinical portion of the post-graduate study.

Second Year: Assistant Residency in Radiology in one or more of the Teaching Hospitals of the University (Children's Memorial Hospital, Montreal General Hospital, Royal Victoria Hospital including the Montreal Maternity Pavilion, Montreal Neurological Institute), or the equivalent.

Third Year: Residency (or Assistant Residency) in Radiology in one or more of the Teaching Hospitals of the University, or the equivalent. Subject to the approval of the Departmental Committee, not less than three months, and not more than six months, of this year may be spent in exchange with a Department of Radiology in another medical centre.

The first three years of post-graduate study in Radiology should include not less than four months intensive study in each of (a) roentgenologic techniques; (b) radiologic aspects of diseases of the central nervous system; (c) of pædiatrics; and (d) of obstetrical and gynæcologic conditions; and at least eight months in radiation therapy.

Fourth Year of Graduate Training: Before the end of the Third Year the candidate, with the advice of his tutor and the approval of the Department, shall select his field of study for the Fourth Year, which may be in Diagnostic or in Therapeutic Radiology, or in advanced work in one of the cognate fields of science. In Diagnostic or Therapeutic Radiology, he will be expected to devote at least halftime to a problem in clinical research. In the cognate fields he will be expected to pursue such studies and investigation as are required of a candidate for the degree of Master of Science. Before he may be recommended for the Diploma, he will be required, under the supervision of his tutor and the Chairman of the Department, to produce a scientific communication on his problem, acceptable for publication. His thesis, as submitted to the Faculty of Graduate Studies and Research in support of his candidacy for the Master's degree, if approved by that Faculty, will be accepted in lieu of the scientific communication noted above.

It should be observed by the applicant that at least two of the four years of graduate study in Radiology must be spent in residence within the University and/or its affiliated Teaching Hospitals. Applications for advanced credit on admission will be adjudged by the Department Committee.

DIPLOMA IN SURGERY

Prerequisites: (a) A degree from an approved Medical College or School.

(b) One year's rotation interneship.

First Year of Graduate Training: Senior interne on a surgical service of one of the teaching hospitals, not necessarily in the same hospital for the whole year.

Second Year of Graduate Training: The graduate student will be encouraged to seek enrolment in the Faculty of Graduate Studies and Research in one or more of the departments of the Faculty, such as Anatomy, Bacteriology, Biochemistry, Pathology and Physiology. If previous training is adequate this year will be spent in study towards the degree of M.Sc.

As an alternative to study in the Faculty of Graduate Studies and Research it may be possible to arrange that this year be spent in one of the hospital departments of Medicine or Pathology.

Third Year of Graduate Training: During this year the student would return to hospital practice in one or more of the participating hospitals. He would hold the rank of assistant resident in one of the hospitals. Moreover, he would be allowed permission to indicate special interest in a branch of Surgery such as Surgery of Children, Surgery of Trauma, Thoracic Surgery, etc. It would not, however, be necessary that such a decision be made at this time.

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At the completion of the Third Year period an opportunity would be given to both the graduate student and to the Department of Surgery to reach a decision as to whether two years further training is desirable.

Fourth Year of Graduate Training: During this year a travelling allowance may be made available so that, either by an exchange or other method, opportunity would be given to visit other clinics presumably, for the most part, on this continent or in Great Britain.

Fifth Year of Graduate Training: Resident in Surgery in not more than two services of the teaching hospitals. The question of whether the position of resident should be in one of the special branches of Surgery or in general Surgery would be determined by the Departmental Committee on the recommendation of the student's tutor.

Selection of Candidates: Strict supervision is taken in the selection of candidates. They are chosen by a committee made up of a representative of each of the participating hospitals and several representatives of the Departments of Medical Sciences of the University.

Vacancies will be limited to four a year.

It will be expected that either during the Fourth or Fifth Year the graduate student will prepare himself for examination for Fellowship in the Royal College of Surgeons of Canada.

Although no special examination is contemplated for the Diploma, award of the Diploma will be dependent upon a satisfactory report to the Departmental Committee.

The Surgical Diploma Course Committee has decided that henceforth a deadline for applications to enter the course should be set at October 1st of each year.

DIPLOMA IN UROLOGY

Prerequisites: (a) A degree from an approved Medical College or School.

(b) Two years of interneship, one of which must be general surgery, and the other year preferably should comprise six months in Medicine and six months in Pathology.

First Year of Graduate Training: At one of the general hospitals of McGill University as a senior interne in the Department of Urology.

Second Year of Graduate Training: Assistant resident in one of the Departments of Urology.

Third Year of Graduate Training: Resident in one of the Departments of Urology.

No thesis will be required but one or more papers on Urological subjects must have been published in recognized journals of this specialty.

There will be two vacancies each year.

FACULTY OF GRADUATE STUDY AND RESEARCH OPPORTUNITIES FOR TRAINING AND RESEARCH IN MEDICAL SCIENCES

Department	*Fields of Work*	*Full Time Research Workers and Other Positions*	*Graduate Students*
ANATOMY	General advanced Anatomy or Advanced Anatomy with special reference to a particular field, e.g., Orthopædic Surgery, Neuroanatomy, etc. Any anatomical or physical anthropological problem in which candidate is interested.	2 teaching fellows who wish to take up Anatomy as a career.	
ANATOMY (Histology Division)	Endocrinology; Experimental therapeutics; histology.	Part time demonstrator in histology; 3 full time research workers.	Probably 4 graduate students.
PHYSIOLOGY	Physiology.	2 — conditional upon research funds available.	2 working towards M.Sc. or Ph.D.
BIOCHEMISTRY	Advanced *Lecture* courses offered by Department. If sufficient demand would consider offering special courses, e.g., in Clinical Biochemistry.	Research workers accepted only if they have special training or after preliminary year in advanced Biochemical lecture courses.	Groups of 12 in advanced *lecture* courses. Not more than 8 in laboratory or research courses.
PHARMACOLOGY	Experimental Pharmacology.		2 at most.

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Department	*Fields of Work*	*Full Time Research Workers and Other Positions*	*Graduate Students*
ENDOCRINOLOGY	Endocrinology.	2 full time research workers.	Possible 6 graduate students.
UNIVERSITY CLINIC	Medicine.	2 - 3 Fellows Research and Teaching.	4 - 5 for M.Sc. or Ph.D.
PATHOLOGY	Pathology	3 Teaching Fellowships available to candidates with at least one year's training.	3 for M.Sc. or Ph.D.
BACTERIOLOGY	Bacteriology and Immunity.	None.	Four for M.Sc. or Ph.D.

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PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce.)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture.)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers.)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction.)

The Calendar (available for distribution only to libraries and officials of certain institutions)

FACULTY OF DENTISTRY

F. Cyril James, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D.C.L. (Bishop's), LL.D. (Queen's, Toronto, London, New York, etc.), D. de l'U. (Montréal), F.R.S.C., Chevalier de la Légion d'Honneur
Principal

John J. O'Neill, Ph.D. (Yale), M.Sc., F.G.S.A., F.R.S.C. *Vice-Principal*

D. Prescott Mowry, D.D.S., F.A.C.D., F.D.S.R.C.S. (Eng.)
Dean of the Faculty of Dentistry

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A. *Bursar*

T. H. Matthews, M.A. *Registrar*

G. A. Grimson, B.Com. *Chief Accountant*

Miss Anne Ferguson *Executive Secretary to the Faculty*

A complete list of the teaching staff of the University, including the Faculty of Dentistry, is printed as a separate announcement, which may be obtained from the Registrar's Office.

REQUIREMENTS FOR ENTRANCE

The minimum requirement for admission to the dental course is the satisfactory completion of two full years of study in a recognized college or Faculty of Arts and Science (or the equivalent thereof), including courses in the following subjects: Physics, one year with laboratory work; Biology, one year of General Biology or Zoology with laboratory work (half year of Botany and half year of Zoology will be accepted, but not one year of Botany alone); Chemistry, two full courses, including one full course of Organic Chemistry with laboratory work.

Students are advised to take the course "Logic and Scientific Method" which is given as Philosophy 3 in the Faculty of Arts and Science at McGill University, or its equivalent elsewhere.

Courses meeting these requirements are offered in the Faculty of Arts and Science of McGill University, where a student may take the two years of study required, or the second of the two if he has satisfied the requirements of the first by Senior Matriculation, or otherwise.

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Particulars of the Junior and Senior Matriculation Examinations are given in the School Certificate Announcement.

Applicants who have met the academic requirements are required to take an Aptitude test before being admitted to the study of Dentistry.

All applicants for admission to the Faculty of Dentistry, resident outside of the Province of Quebec, must take the "Medical College Admission Test" and send the results of this test along with their transcript of academic record.

Application for admission to the Faculty of Dentistry must be made upon the regular application form which may be obtained from the Secretary of the Faculty. As the number of students in each class is limited, application should be made early and in any case not later than March first. Each application must be accompanied by a non-returnable fee of $5.00 in the form of a cheque or money order payable to McGill University.

PROFESSIONAL PRACTICE

In the case of those who intend to practise in the Province of Quebec it is essential that the candidate should:

(a) take at least the second of the above two years in an English-speaking Canadian University, recognized by McGill University, thus qualifying for eligibility to register with the College of Dental Surgeons of the Province of Quebec in the study of Dentistry.

(b) obtain from the College of Dental Surgeons of the Province of Quebec a Qualifying Certificate before proceeding with the dental course. Further information may be obtained from Dr. Denis Forest, Registrar of the College of Dental Surgeons of the Province of Quebec, 3607 St. Denis Street, Montreal 18, Quebec.

Candidates who have successfully completed the regular course as given in the Faculty of Dentistry, McGill University, may be granted the licence without further examinations upon payment of the required fee, provided they are registered with the College of Dental Surgeons of the Province of Quebec.

PROVINCIAL REGISTRATION

Intending students are reminded that a University degree in Dentistry does not in itself confer the right to practise the profession of Dentistry. It is necessary to comply with the dental laws of the country, state, or province in which it is proposed to begin practice. Each province in

Canada at present has special requirements for its licence, and in all of them a certain standard of general education is insisted upon before the study of Dentistry may be begun. *Students who intend practising in Canada are advised to register their qualifications in the province in which they intend to practise, before they begin their university course.*

The following is a list of the Registrars of the Dental Boards of the several Canadian provinces. Students are advised to write for information whenever they are in doubt as to the regulations of any province

**Ontario*—Dr. D. W. Gullet, 211 Huron Street, Toronto 5.

**Nova Scotia*—Dr. A. B. Haverstock, Roy Bldg., Halifax.

**New Brunswick*—Dr. S. K. Wetmore, 147 Germain St., Saint John.

**Prince Edward Island*—Dr. Heath McIntyre, Charlottetown.

**Manitoba*—Dr. J. F. Morrison, 403 Medical Arts Building, Winnipeg.

**Alberta*—Dr. R. A. Rooney, 523 Tegler Bldg., Edmonton.

**Saskatchewan*—Dr. L. J. D. Faskin, Regina.

Quebec—Dr. Denis Forest, 3607 St. Denis Street, Montreal 18.

British Columbia—Dr. R. L. Pallen, 533 Medical-Dental Bldg., Vancouver.

Newfoundland—Dr. A. B. Kennedy, Water Street, St. John's.

DOMINION DENTAL COUNCIL OF CANADA

Seven of the ten Canadian provinces (*i.e.*, all but Quebec, British Columbia, and Newfoundland) have entered into an agreement whereby the holder of a certificate granted by the Dominion Dental Council may practise in any of the subscribing provinces. In order to obtain this certificate a candidate must: (1) hold a matriculation certificate of the proper standard; (2) be a graduate of a Dental College within Canada; (3) pass the examination set by the council, and (4) pay the local and provincial registration fee.

The Secretary of the Dominion Dental Council is Dr. A. J. Brett, Regina, Sask.

REGISTRATION

Students in Dentistry register at the Registrar's Office either on Friday, August 31st, or on Tuesday, September 4th. Any student registering after the specified date will be required to pay a late fee. No students will be admitted after September 20th.

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*Members of the Dominion Dental Council.

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FEES

TUITION FEES

1. Annual undergraduate fee	$350.00
By instalments: Each of two instalments	177.50

REPEATING A YEAR

2. Students repeating a year pay	$350.00

PARTIAL STUDENTS

3. Qualified partial students are admitted to one or more courses on payment of special fees. For further particulars consult the Dean's Office.

EQUIPMENT

4. A Dental Cabinet may be rented during the academic year for a fee of $5.00.

5. A Microscope may be rented during the academic year for a fee of $7.50.

INSTRUMENTS

6. In second year—Crown and Bridge Model	$30.00
7. In second year—Operative Model rental	10.00
8. In third year—Orthodontic material	20.00
9. In fourth year—Final practical examinations	30.00

STUDENTS' SOCIETY FEES

10. Fees for support of student organizations:

Regular students and partials taking three or more courses	$15.00
Partial students taking less than three courses	5.00
Partial students, grounds fee	5.00

AD EUNDEM FEE

11. Students entering any year above the first pay a special *ad eundem* fee of	$10.00

GENERAL REGULATIONS

12. Fees are due and payable at the Accounting Office between the hours of 9 a.m. and 4 p.m., on September 4th and 5th; but they may be paid before the above dates. The second instalment of tuition fees is due and payable on February 1st. An additional $2 is charged for payment after the specified dates. All special fees are payable in full with first instalment.

13. Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of Regulation 14.

14. Immediately after the prescribed dates for the payment of fees, the Chief Accountant sends to the Dean of each Faculty a list of the registered students who have not paid their fees. The Deans thereupon suspend

them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

NOTE: Special fees are given in the General Information Pamphlet included in the announcement.

INSTRUMENTS

With the exception of extracting instruments, lathes, and vulcanizers, each student is required to furnish his own instruments and appliances for both laboratory and operating room, and is not permitted to enter the Course until he is thus supplied.

The approximate cost of instruments and supplies for the first year, which includes an Anatomical Articulator, an Engine, and a Crown and Bridge Model, is $500.00.

Second year approximate cost	$300.00
Third year approximate cost	100.00
Fourth year approximate cost	75.00

All of these instruments and this equipment will be required for office use when the student enters practice and should be regarded as an investment for that purpose rather than a university expense.

Arrangements have been made with local Dental Supply Houses in order that the student may benefit by a special trade discount.

MEDALS AND PRIZES

The Montreal Dental Club Gold Medal, and a prize in books.—Awarded to the student in the final year who stands first in the science and practice of Dentistry. The standing is determined not only by the written and practical examinations at the end of the year, but by the general work of the student during the four years.

The College of Dental Surgeons of the Province of Quebec.—A prize of twenty-five dollars awarded to the student, registered in this Province, obtaining the highest standing in the practical examinations of the final year.

Montreal Endodontia Society.—A book prize, awarded to the student in the final year obtaining the highest mark in the final examination in Endodontia.

Canadian Dental Association War Memorial Scholarship Award.—First Prize $125.00; Second Prize $75.00. To be awarded annually.

This is an essay contest and is open to all undergraduates of the final year who have been in attendance for at least two years at any Canadian Dental School. The essay shall consist of from 2,500 to 3,000 words.

Correspondence relative to this Scholarship should be addressed to The Secretary, Canadian Dental Association, 211 Huron St., Toronto.

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The Lieutenant-Governor's Silver Medal, and a Prize in Books.—Awarded to the student in the final year who stands second in the class and whose standing is determined in a manner similar to that followed in the awarding of the Gold Medal.

Third Year Prize in Books.—Awarded to the student obtaining the highest marks in written and practical subjects in the third year examinations.

The following prizes are given by the *Montreal Dental Club:* First, second, and third year prizes—A prize in money awarded to the student obtaining the highest standing in technique subjects: First year "Dental Anatomy"; Second year subject to be chosen each year; Third year "Orthodontic Technique".

The following prizes are given by the *Mount Royal Dental Society:* First, second, and third year Prizes.—A prize in books awarded to the student obtaining the highest standing in the sessional examinations.

First Year—*The Dr. I. K. Lowry Prizes* are awarded to the two students in the first year who obtain the highest marks in Oral Histology and Embryology. These prizes are Medical dictionaries.

SCHOLARSHIPS, BURSARIES, AND LOANS

Details of University and other scholarships and bursaries are given in the Scholarships Announcement which may be obtained from the Registrar's Office.

The University has a small fund from which loans may be made to students of good academic standing. Loans are made only to students in the upper years. Applications for loans should, in the first place, be made to the Dean.

COURSE FOR THE DEGREE OF D.D.S.

Candidates for the degree of D.D.S. must complete two years of study in a College or Faculty of Arts, with Physics, Inorganic and Organic Chemistry, and Biology as compulsory subjects, before entering upon the four-year course in this Faculty. The curriculum* is as follows:

*It should be understood that the programme and regulations regarding courses of study and examinations contained in this calendar hold good for this calendar year only, and that the Faculty, while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely, for the whole four years of a student's course, to the conditions here laid down.

FIRST YEAR

Anatomy (human)
Dental Anatomy
Histology, Medical and Dental
Physiology
Materials used in Dentistry
Metallurgy
Prosthetic Technique
Crown and Bridge Technique
Operative Technique
Orientation in Dentistry

SECOND YEAR

Crown and Bridge Work
Operative Technique
Orthodontics
Prosthetic Technique
Bacteriology
Biological Chemistry
Pharmacology (general)
General Pathology
Dental History

THIRD YEAR

Crown and Bridge Work
Operative Dentistry
Orthodontics
Prosthetic Dentistry
Dental Radiography
Prosthetic Articulation
Dental Pharmacology and Therapuetics
General Anæsthesia
Oral Surgery and Local Anæsthesia
Oral Pathology
Health and Social Medicine
Pedodontics
Dental Jurisprudence

FOURTH YEAR

Orthodontics
Prosthetic Dentistry
Oral Surgery
Crown and Bridge Work
Pedodontics
Endodontia
Oral Diagnosis
Medicine
Periodontia and Oral Hygiene
Practice Management
Dental Ethics

THESIS: Final year students must write a thesis of approximately 4,000 words. The subject will be announced early in September.

EXAMINATIONS

Frequent oral examinations are held to test the progress of the student, and occasional written examinations are given throughout the session.

A minimum of 60 per cent in each subject is required to pass, and 85 per cent for honours.

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All examinations in each year must be passed before a student is allowed to advance to the next.

Candidates who fail at the regular examinations in not more than three subjects of the first, second, or third years, may, at the discretion of the Faculty, be allowed to take the supplementary examinations before the beginning of the following session. These examinations are held during the week preceding the regular opening of the session.

Failure in more than three subjects of the first, second, or third years at the regular examination excludes the candidate from advancement.

Students who fail in one subject only of the final year may, at the discretion of the Faculty, be allowed a supplementary examination in that subject. Should the subject be one in which practical or clinical work is required, the student must furnish a certificate of additional clinical attendance or laboratory work before presenting himself for examination.

Applications for supplemental examinations must be in the hands of the Dean at least three days before the date set for the beginning of the examination, and must be accompanied by a fee of $10.00 for each subject.

QUALIFICATIONS FOR THE DEGREE

1. No one is admitted to the degree of Doctor of Dental Surgery who has not attended lectures for a period of four sessions in the Dental Faculty of this University, or partly in this University and partly in some other approved university, college, or school of dentistry.

2. Students of other universities, so approved, who may be admitted on production of certificates to a like standing in this University, are required to pass an oral examination in primary subjects, and all examinations in the final subjects in the same manner as students of this University.

No one is permitted to become a candidate for the degree who has not attended at least one full session at this University.

3. Candidates for the final examinations must furnish testimonials of attendance in the branches of dental education mentioned on page 1903; provided, however, that testimonials equivalent to, though not precisely the same as, these may be presented and accepted.

DENTAL INTERNESHIPS

There are three interneships in Montreal hospitals. These positions are filled annually on recommendation of the Faculty of Dentistry, selection being made from the graduating class.

COURSES OF LECTURES

GENERAL ANAESTHESIA

Lecturer C. C. STEWART

This course, given in the third year, comprises a short series of lectures on the general principles and the physiology of anæsthesia, with special emphasis laid on the factors of safety and the suitability of the anæsthetic agent employed. An equal amount of time is spent in the main operating theatre where demonstrations are given of the use of all modern methods of general anæsthesia for dental and oral surgery under actual working conditions.

Textbook: A. E. Guedel, Inhalation Anæsthesia (Macmillan).

ANATOMY

Robert Reford Professor	C. P. MARTIN, *Chairman*
Professor	C. P. LEBLOND
Assistant Professor	D. S. FORSTER
Lecturer	S. S. SMAILL
Lecturer in Dental Histology	G. DOUGLAS ARMSTRONG
Demonstrator	E. W. WORKMAN

ANATOMY

1A. GROSS ANATOMY

This course covers the first two terms of the year, and is planned so that after making a general survey of the whole body, the dental student concentrates his attention on the head and neck. The course runs concurrently with the course in First Year Medicine (Anatomy 1), and comprises five hours lectures and fifteen hours laboratory work a week during the Autumn and Winter terms.

MICROSCOPIC ANATOMY

1. HISTOLOGY AND EMBRYOLOGY

This course coincides for the main part with the Medical Microscopic Anatomy Course 5 but the reproductive organs are excluded and special lectures on dental histology and the embryology of the mouth are included.

The course finishes at the end of the Winter term.

Laboratory Manual: Grant, A Method of Anatomy.

Anatomy Textbook: Gray, Anatomy, or Cunningham, Text-book of Anatomy.

Histology Textbook: Bailey, Text-book of Histology, or Maximow and Bloom, Histology.

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DENTAL ANATOMY

Lecturer — T. I. GUILBOARD

Demonstrator — DAVID T. SHIZGAL

This course is given to dental students of the first year. It consists of 28 lectures of one hour, and 56 laboratory periods of two hours each.

The lecture course covers:

1. Introductory lectures on the development of the maxillary bones, development of teeth, nomenclature of the different constituents of teeth and surrounding tissues.

2. The anatomy of each individual tooth, deciduous and permanent.

3. Arrangement of teeth and occlusion.

4. Development of the maxillary apparatus from reptiles to man.

These lectures are illustrated by drawings, X rays, models, slides, and specimens.

The laboratory course includes the drawing of each tooth. A carving is made of each tooth natural size. These are then articulated anatomically. Sections of extracted teeth are made to familiarize the student with the relationship of the constituents of the teeth at various ages.

Textbooks: G. V. Black, 2 Vols. (Medico-Dental Co., Chicago); C. N. Johnson (Blakiston); M. E. Jordan, Dental Items of Interest; W. H. O. McGehee, Text-book of Operative Dentistry (Blakiston).

Reference for Periodontia: Stilman and McCall, Clinical Periodontia (Macmillan, New York).

BACTERIOLOGY

Professor — E. G. D. MURRAY, *Chairman*

Associate Professors — G. G KALZ, J. W. STEVENSON

Assistant Professors — C. D. KELLY, J. A. DEVRIES

Lecturers — R. H. ELDER, F. A. JAFFE, A. M. MASSON, F. H. PRISSICK

Demonstrator — J. J. STOCK

All lectures and laboratory courses are given in the Department of Bacteriology (Institute of Pathology).

ELEMENTARY DENTAL BACTERIOLOGY AND IMMUNITY

30 lectures and 60 hours practical work.—Available to students of Dentistry on the completion of their studies in Anatomy, Physiology, Histology, and Biological Chemistry.

A choice of the following books is recommended:

T. J. Mackie and J. E. McCartney, Practical Bacteriology (Livingstone); Jordan and Burrows, Textbook of Bacteriology (Saunders); Fairbrother, A Textbook of Medical Bacteriology (William Heinemann Ltd., London) or others listed in the Announcements of the Faculties of Arts and Science and Medicine.

BIOCHEMISTRY

Professors — D. L. THOMSON, *Chairman*; J. H. QUASTEL

Associate Professors — O. F. DENSTEDT; R. D. H. HEARD; K. A. C. ELLIOTT

This work is taken with the Medical students.

1. BIOCHEMISTRY—LECTURE COURSE

Textbooks: Bodansky, Introduction to Physiological Chemistry (Wiley); Williams, Textbook of Biochemistry (Van Nostrand); Mitchell, Textbook of Biochemistry (McGraw-Hill).

Two hours.

2. BIOCHEMISTRY—LABORATORY COURSE

A synopsis of the course is issued by the Department.

Six hours a week: October to February.

OPERATIVE DENTISTRY

Professor — W. G. LEAHY

Assistant Professor and Chairman of Department — DONALD C. GORDON

Lecturer — FRANCIS L. BURNS

Lecturer in Pedodontics — CAMERON T. WALSH

Lecturer in Dental Anatomy — T. IVAN GUILBOARD

Demonstrator in Dental Anatomy — DAVID T. SHIZGAL

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Demonstrators in Operative Dentistry

J. A. Abraham	Marcel Hébert
A. W. Adams	Roland T. Lamb
E. R Ambrose	R. M. MacAllister
C. Asselin	G. H. McKinney
G. M. Dundass	R. P. W. Ryan
F. A. Edward	C. R. Seller
G. K. Hale	J. E. VanVliet

The purpose of this course is to instruct and train the student in the treatment of all diseases of, and injuries to, the hard tissues of the teeth and the restoration of the anatomy of the tooth in relation to function. Especial attention is given to children's dentistry with the aim that operative procedures will have for their object the inhibition of pathologic processes and the maintenance of normal occlusion.

Lectures and laboratory courses in the first and second years include all the procedures of operative technique.

Lectures on theory in the third year combined with practical experience at the Dental Clinic in the third and fourth years stress the co-ordination of Operative Dentistry with Dental Hygiene, Orthodontics, Periodontia, Endodontia and Prosthetic Dentistry to the end that the student will graduate with adequate knowledge and ability to treat patients of all ages and conditions of life.

Textbooks: G. V. Black, 2 Vols. (Medico-Dental Co., Chicago); O. McGehee (Blakiston); McBride, Juvenile Dentistry (Blakiston); Gabel, American Textbook of Operative Dentistry (Lea & Febiger).

PERIODONTOLOGY

Professor	D. Prescott Mowry
Assistant Professor	Wallace F. Walford
Lecturers	Philip J. Gitnick
	Robert F. Harvey

The course, given to the junior and senior years, is designed to give the student a knowledge of the basic principles of oral prophylaxis, diagnosis and the treatment of periodontal lesions.

The instruction given to the junior year consists of demonstrations of clinical prophylaxis followed by seminars on clinical cases.

In the final year the course consists of twenty-five lectures and sixty clinical periods. The lectures, clinical demonstrations, laboratory periods, diagnosis and clinical work are closely correlated throughout all the

training in basic treatments such as equilibration, surgery, use of packs, etc. Immediately following the lecture on any phase of treatment, a clinical period is devoted to application of the subject matter covered in the lecture.

The class is divided into small groups for clinical demonstrations on patients. Each student will thus have opportunity to view, and to ask. questions to an extent not possible with larger groups. Each student has an opportunity to carry out this instruction by treatments, under supervision, by careful distribution of patients having representative periodontal lesions.

The clinical outpatient department provides adequate supply of teaching material and this is further supplemented by patients referred to the department by local practising dentists.

Textbooks: Orban, Dental Histology and Embryology (Mosby); Miller, Oral Diagnosis and Treatment (Blakiston); Kronfeld, Histopathology of the Teeth and Their Surrounding Structures (Lea & Febiger); Coolidge, Clinical Pathology (Lea & Febiger).

PROSTHETIC DENTISTRY

Professor	W. C. Bushell
Associate Professor	James McCutcheon
Assistant Professors	R. E. Dagg
	P. R. Marchand
Lecturers	A. F. Cameron
	W. G. Stockwell

Demonstrators

J. M. Chamard	M. W. Martson
C. H. Dundass	H. L Mussels
Elo, J. T	P. A. Ostapovitch
J. Fineberg	A. E. Pye
F. O. Frederick	M. A. Rogers
W. J. W Hodgins	Bruce D. Ward

This course covers the teaching of mouth reconstruction in its fullest sense. It includes the examination, diagnosis, and treatment of cases, the preparation of the mouth and teeth, impressions, the technique of constructing various types of crowns, fixed and removable partial dentures, full dentures, and the construction of appliances for the treatment of cleft palate cases.

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For convenience in teaching, the course is divided into four parts, namely: Full Dentures, Removable Partial Dentures, Fixed Partial Dentures, Ceramics. The course extends throughout the four years. During the first two years students are given a thorough training in the various teachniques on models, etc. The final two years are clinical years and are devoted to lectures at the University and practical work at the Montreal General Hospital. During these years students are required to complete a certain number of the various restorations in the mouths of patients under the supervision of demonstrators.

Textbooks: Edward Kennedy, Partial Dentures (Dental Items of Interest); F. G. Neurohr, Partial Dentures (Lea and Febiger); Schlosse, Complete Denture Prosthesis (Saunders); Gillet and Irving, Inlays by the Indirect System (Dental Items of Interest); Schwartz, Cavity Preparation (Dental Items of Interest); Le Gro, Ceramics in Dentistry (Dental Items of Interest); Felcher, Art of Porcelain in Dentistry; Stanley D. Tylman, Crown and Bridge Prosthesis; Swenson, Complete Dentures (Mosby); Anthony, American Textbook of Prosthetic Dentistry (Lea & Febiger); Schweitzer, Restorative Dentistry (Mosby); Schwartz, Modern Method of Tooth Replacement (Dental Items of Interest).

ORAL DIAGNOSIS

Associate Professor	A. GERALD RACEY
Lecturer	JOHN MCCARTHY
Demonstrators	W. HAYDEN BRYANT
	E. VICTOR POTTER

This course is given in the final year.

It includes a consideration of the signs and symptoms of diseases of the hard structures of the teeth, the dental pulp, the peridental membrane, and periapical tissues by means of roentgenographic examination and clinical diagnosis tests. A study is also made of the signs and symptoms of disorders of the oral mucous membrane. Treatment planning in conjunction with the other dental teaching departments is given careful consideration.

The course extends over the entire year and is composed of lectures and practical instruction.

Textbooks: Thoma, Oral Diagnosis and Treatment Planning (Saunders); Ziskin, Differential Diagnosis of Mouth Diseases (Kings Crown Press Division of Columbia University Press, New York).

ENDODONTIA

Assistant Professor — Wilfred J. Johnston
Lecturer in Medicine — G. W. Halpenny
Lecturers in Dentistry — A. D. Richardson, L. J. Rosen

A course in root canal therapy correlated with the teachings of the Departments of Bacteriology, Pathology, Histology, and Dental Anatomy.

Two weeks in the senior year are devoted to a concentrated course of Theory and Clinical Practice of Endodontia. The basic principles of opening, cleansing, and filling root canals are dealt with in lectures and demonstrations. During this period each student is required to carry out the diagnosis, bacteriological examination, and treatment of the clinical cases that are provided. Where necessary root resections and bleachings are performed. Throughout the senior year there is a weekly endodontia clinic to aid the students with those cases that they encounter during their general clinical work.

Textbook: L. I. Grossman, Root Canal Therapy.

HEALTH AND SOCIAL MEDICINE

Associate Professor — Donald S. Fleming
Assistant Professor — Marion A. Wall

A special course of twenty lectures on the relation of Dentistry to Public Health and Preventive Medicine.

ORAL HISTOLOGY AND EMBRYOLOGY

Lecturer — G. Douglas Armstrong
Demonstrator — Thomas J. Gavriloff

This course follows Histology 1. The didactic portion traces the development of the teeth and supporting structures. Following this, there is the study of the adult oral tissues throughout their life cycle, and their relationship to the various fields in Dentistry.

The laboratory portion of the course is devoted to microscopic study of prepared ground and decalcified sections of oral tissues. Demonstrations of dissections of embryonic and fœtal material are made.

Texts: Orban, Oral Histology and Embryology.
Reference Books: Noyes, Schour, and Noyes, Dental Histology and Embryology.

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DENTAL HISTORY AND ETHICS

Lecturer in History and in Ethics _____

HISTORY

This course is intended to give the student an intelligent conception of the evolution and development of dentistry from the primitive conditions and methods of the past to the present standing of the profession as a branch of the healing art. The relation of some of the outstanding men of the profession to this development will also be dealt with.

ETHICS

Under this heading the moral, social, and business relationships between the dentist and his patient will be discussed, as well as his duty to the public, his fellow practitioner, and himself.

DENTAL JURISPRUDENCE

Lecturer W. AUSTIN JOHNSON

A discussion of the laws governing the practice of Dentistry, their necessity, and their purpose.

The responsibility of the dentist under the laws of the Province, his position as defendant in suits for damages and as plaintiff in suits for fees are fully explained.

MEDICINE (Including General Medicine, Nutrition, Dermatology, Allergic Diseases, and Paediatrics)

Associate Professor of Medicine _____
Assistant Professor of Paediatrics ALAN ROSS
Clinical Professor of Dermatology L. P. EREAUX
Lecturer J. M. EARLE
Sessional Demonstrator in Medicine _____

This course is designed to give the dental student a general insight into medical conditions which are influenced, either directly or indirectly, by dental problems, as well as general diseases and other pathological processes which influence dentition and the condition of the teeth and gums.

The course consists of twenty-six lectures. It is not intended to give the dental student the impression that he is getting a complete course in Medicine but rather to impress upon him when and how he can be of assistance to the individual in regard to general medical problems where these require his aid.

Particular attention is paid to:

(1) Infectious and systemic diseases which may affect the mouth or have manifestations in the mouth, and cases where the condition of the mouth is important in the general course of the disease;

(2) The importance of diet and nutrition upon the general welfare of man, including food requirements, chemistry of nutrition, calorimetry, metabolism, the ductless glands and their influence on nutrition, etc.;

(3) The local manifestations of diseases of the skin as seen in the mouth and mucous membrances;

(4) The importance of proper dentition in the child, with particular emphasis being placed upon vitamins and congenital deficiencies.

METALLURGY

Associate Professor (Post-retirement)
GORDON ST. GEORGE SPROULE

Assistant Professor JOHN P. OGILVIE

This course is given to Dental students of the first year by the Metallurgical Department of the University.

It consists of fifteen lectures of one hour, and twelve laboratory periods of two and a half hours, each.

The lecture course covers:

(1) Introductory lectures on the physical and chemical properties of metals, especially in relation to their use in dentistry.

(2) The nature and preparation of alloys, including amalgams.

(3) The metals used in dentistry (lead, zinc, tin, bismuth, cadmium, antimony, aluminum, copper, silver, gold, platinum, iridium, mercury, iron, and steel) are considered separately in regard to their properties, uses in dentistry, and, as far as time allows, extraction from their ores. The separation, purification, and alloying of gold, silver, and platinum are specially considered.

(4) The manufacture, properties, and uses of dental amalgams.

(5) The more important manipulations of metals and alloys used in dentistry are described and their effects considered.

Textbook: E. W. Skinner, The Science of Dental Materials.

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Reference Books: F. L. Coonan, Principles of Physical Metallurgy; J. O. Lord, Alloy Systems.

The Laboratory course includes experimental work with the metals: gold, silver, copper, lead, zinc, tin, aluminum, nickel, iron, and steel.

The metals are melted, alloyed, cast, hammered, filed, cut, rolled, heat treated, and tested to determine their important physical as well as chemical properties.

Pure gold and silver are prepared and dental and other amalgams tested.

The course is given during the first term of each session by Professors Sproule and Ogilvie.

ORTHODONTICS

Professor	GERALD FRANKLIN
Assistant Professor	M. L. DONIGAN
Demonstrator	ALBERT J. COLLE

This course is designed to give the student a knowledge of normal occlusion and of the basic principles underlying the development of malocclusion, its prevention and treatment. It includes lectures, training in technics, and clinical treatment of patients. Emphasis is placed on orthodontics as an integral part of dentistry and its relation to other branches of general practice. The practical training serves to develop digital skill and to give the student some experience in movement of teeth.

The course extends over the second, third, and fourth years. Its study commences in the first year with the basic sciences including histology and embryology which cover the development, growth, and eruption of the teeth.

SECOND YEAR

The course in this year is devoted to technics. Exercises in wire bending, in freehand soldering, and in manipulation of plaster of Paris are carried out. In addition, each student is required to take upper and lower impressions in plaster of a fellow student and to trim the casts according to standard technique.

THIRD YEAR

In this year the course includes appliance technique and lectures. Alginate impressions are taken and casts trimmed. Advanced exercises in freehand soldering are completed. This is followed by construction of bands with attachments, labial appliances, space maintainers, and inclined planes on typodonts. The lectures cover terminology, normal occlusion and its development, and classification of malocclusion. They serve as the basis for the more advanced didactic course in the fourth year.

FOURTH YEAR

In the final year a full course of lectures is given and the treatment of, patients carried out by the students.

The lectures cover growth and development, etiology, diagnosis, principles of treatment, and prevention and interception of malocclusion. Pertinent histology and physiology of bone is reviewed with special emphasis on tissue changes incident to tooth movement. The relationship of orthodontics to the practice of general dentistry and children's dentistry is continually indicated.

In the orthodontic clinic patients with simpler malocclusions are assigned to the students. Appliances are designed by the staff and constructed of precious metals by the student who then carries out the treatment under strict supervision. In addition to being responsible for the patient assigned to him, each student is required to observe all the cases being treated in the clinic.

Textbooks: Dewey-Anderson, Practical Orthodontics, 7th edition (C. V. Mosby); Salzmann, Principles of Orthodontics (J. B. Lippincott); Brash, Aetiology of Irregularity and Malocclusion of the Teeth; Angle, Malocclusion of the Teeth; McCoy, Applied Orthodontics (Lea & Febiger).

PATHOLOGY

Professor	G. Lyman Duff, *Chairman*
Associate Professor	R. H. More
Lecturer	M. B. Mackenzie
	R. M. Weiner

1. COURSE IN GENERAL PATHOLOGY

A. Two lectures per week (with epidiascopic and microscopic demonstrations) during the Winter and Spring terms. (52 lectures.)

Dr. Mackenzie

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B. Two practical laboratory classes per week during the Spring term. (80 hours practical work.) *Dr. Mackenzie and Demonstrators*

Textbooks: Boyd, Text-book of Pathology (Lee & Febiger); MacCallum, A Text-book of Pathology (Saunders).

Reference Books: Anderson, Pathology (Mosby); Boyd, Pathology of Internal Diseases (Lea & Febiger); Boyd, Surgical Pathology (Saunders); Ewing, Neoplastic Diseases (Saunders); Forbus, Reaction to Injury (Williams & Wilkins); Willis, Pathology of Tumors, (London, Butterworth).

ORAL PATHOLOGY

Associate Professor	A. GERALD RACEY
Lecturer	RALPH S. EDMISON
Demonstrator	LESLIE A. GILL

This course in Pathology is given in the third year.

It includes a study of the developmental defects and malformations of the teeth. Special consideration is given to the study of the etiology, diagnosis, and pathology of dental caries; diseases of the dental pulp; periapical diseases; periodontal diseases; odontogenic cysts; and tumours which commonly occur in the oral cavity.

A study is also made of the oral manifestations of certain of the infective granulomata, as well as vitamin deficiencies and endocrine disturbances.

In the laboratory, microscopic slides of many of these conditions are studied.

The course extends over the entire session, one hour per week during the first half year, and two hours per week during the second half.

Textbooks: Thoma, Oral Diagnosis and Treatment Planning; Kronfeld, Histopathology of the Teeth and Their Surrounding Structures; Thoma, Clinical Pathology of the Jaws; Bunting, Oral Pathology.

PEDODONTICS

Lecturer	CAMERON T. WALSH
Demonstrators	ROBERT M. MACALLISTER GORDON H. MCKINNEY

A course introducing child management, treatment planning, and operative procedures, presented to the third year. Clinical instruction is conducted throughout the fourth year.

PHARMACOLOGY

Professor R. L. Stehle, *Chairman*

Associate Professor K. I. Melville

Lecturer I. T. Beck

A course of ten lectures concerned with those phases of pharmacology which are of importance in dentistry, supplemented by five laboratory periods.

Textbooks: Thienes, Krantz and Carr, Sollman, or any other standard text

DENTAL PHARMACOLOGY AND THERAPEUTICS

Assistant Professor Wilfred J. Johnston

A course for third year students intended to provide a study of those drugs not covered in the General Pharmacology course which are of particular interest in the treatment of pathological conditions of the oral cavity.

Textbooks: Prinz, Rickert and Dobbs, Dental Materia Medica and Therapeutics, Accepted Dental Remedies. Also McGehee and Green, Pharmacology and Pharmaco-therapeutics for Dentists.

PHYSIOLOGY

Joseph Morley Drake Professor
F. C. MacIntosh, *Chairman*

Professor A. S. V. Burgen

Associate Professors B. Delisle Burns
Norris Giblin

Assistant Professors Simon Dworkin
Kathleen G. Terroux

Lecturers V. B. Brooks
Helen Henrikson
A. L. Johnson

The purpose of this course is to give the student an elementary knowledge of the whole subject of physiology with a more special knowledge of such aspects as bear particularly on the practice of dentistry.

The course consists of three lectures a week from October to May, and fifteen laboratory periods of three hours each.

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OFFICE PROCEDURE AND BUSINESS MANAGEMENT

Lecturer JOHNSTON W. ABRAHAM

This course consists of fifteen lectures given in the fourth year. The purpose is to enable the undergraduate to understand the problems encountered in the conduct of a successful dental practice. The lectures consider the dentist's personal preparation (mental, moral, and physical); his relation and obligation to the patient, to the public, and to the community; and finally, office location, office management, and records. Advice is offered on dental fee questions, accumulation of a competence, insurance, and investments.

Textbook: J. L. Blass, Successful Dental Practice.

DENTAL RADIOLOGY

Lecturer EUGENE S. DORION

During the third year the course is commenced, so that students, on entering the final year, may improve their knowledge of the use and application of Roentgen rays in the study of pathological changes, and in treatment. This course includes lectures on Roentgen rays in dental practice, as well as lantern slide instruction. Practical demonstrations in radiographic and dark room technique are carried out at the Clinic during the third and fourth years, when constant assistance is available.

ORAL SURGERY

Associate Professor JOHN W. GERRIE

Associate Professor of Oral Pathology
A. GERALD RACEY

Assistant Professor in Charge of Exodontia
ROGER E. MCMAHON

Assistant Professors of Surgery CAMPBELL GARDNER
S. J. MARTIN

Assistant Professor of Medicine S. R. TOWNSEND

Lecturers in Exodontia JOHN MCCARTHY
ROBERT M. WEINER

Lecturer in Anaesthesia M. A. ROGERS

Demonstrator in Surgery W. MASON COUPER

Demonstrators VICTOR E. POTTER
LOUIS EPSTEIN
D. H. MUHLSTOCK
BRUCE D. WARD

The course, given during the junior and final years, is designed to make the student proficient in the arts of local anæsthesia and exodontia and to familiarize him with the principles of general surgery and the details of oral surgery including surgical treatment of malignant disease.

Although work in the department is largely clinical, forty-five lectures are given to provide a didactic groundwork. The Dental Clinic, established in the Montreal General Hospital almost 30 years ago, treats over twenty thousand patients yearly and also supplies the necessary dental treatment for patients resident in the hospital. The patients in the medical and surgical services, both indoor and out-patients, are available for teaching. In addition students attend in groups at the Tumour Clinic where a large series of malignant conditions is demonstrated. Clinical lectures are given in the operating theatres, and ward rounds are conducted in the wards where mouth conditions of interest to dental students are shown.

The larger part of the lecture work is given before Christmas in thc junior year after which the student is introduced to the Exodontia Clinic at the Hospital. Here he is given demonstrations and is required to follow the exodontia practice of the senior students.

The senior year is primarily clinical and the didactic work of the third year is enlarged upon. Students practice in the exodontia clinic daily under the direction of members of the staff and are assisted after Christmas by a junior student. The class attends Oral Surgery Clinics and ward rounds once a week when histories are taken and patients examined. Oral Surgery clinics are held twice weekly at which the more advanced mouth procedures are carried out. Attendance at these is not compulsory but interesting cases are demonstrated.

Text and Reference Books: Ivy and Curtis, Essentials of Oral Surgery; Berger, Principles and Technique of the Removal of Teeth; Ivy and Curtis, Fractures of the Jaws; Winter, Operative Oral Surgery; Parker, Traumatic Injuries of the Face and Jaws; Padgett, Surgical Diseases of the Mouth and Jaws; Thoma, Traumatic Surgery of the Jaws; Thoma, Oral Pathology; Burket, Oral Medicine; Fry, Shepherd, McLeod and Parfitt, Dental Treatment of Maxillo-Facial Injuries; Nevin & Putenbough, Conduction, Infiltration and General Anaesthetics in Dentistry.

CLINIC

Students are required to attend the clinic every day during the third and fourth years from nine to twelve o'clock and from one-thirty to five

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o'clock, except during such part of the time as may be taken up with lectures or other work of the University course. The practical dental work is supervised by the Director of the clinic and his associates. Anæsthetics are administered by members of the resident staff of the Hospital, who give practical instruction in this most important branch. A nurse is also in attendance during clinic hours. Students entering the third and fourth years must spend the period between the last of the regular May examinations and the end of June in the Dental Clinic at the Montreal General Hospital.

LIBRARY

The Medical Library, which contains all the standard textbooks in the branches of the first two years in Dentistry, has a section dealing exclusively with dental subjects. During the session, students may consult any work of reference in the Library between 9 a.m. and 9 p.m., Saturdays, 9 a.m. to 5 p.m.

MUSEUM

The Pathological Museum of the Medical Faculty has a very good collection of plaster casts of deformities of the jaw, etc., and also a very large collection of teeth of all varieties.

McGill University

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Faculty of Law

Chancellor Day Hall

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PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

McGill University

FACULTY OF LAW

ADMINISTRATIVE OFFICERS

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Principal

John J. O'Neill, Ph.D. (Yale), M.Sc., F.G.S.A., F.R.S.C. *Vice-Principal*

W. C. J. Meredith, K.C., M.A. (Cantab.) *Dean of the Faculty of Law*

Maxwell Cohen, B.A., LL.B. (Man.), LL.M. (Northwestern)
Secretary of the Faculty of Law

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A. *Bursar*

T. H. Matthews, M.A. (Oxon.) *Registrar*

A complete list of the teaching staff of the University, including the Faculty of Law, is printed as a separate announcement which may be obtained from the Registrar's Office.

FACULTY OF LAW OFFICE

CHANCELLOR DAY HALL

3544 Peel Street

Montreal 2

Telephone — MA 9181

MCGILL UNIVERSITY LIBRARY

GENERAL INFORMATION

COURSE OF STUDY

The Faculty offers a three year course leading to the degree of B.C.L. Students proceeding to the legal and notarial professions are required to take an additional year of practical training and to pass further examinations. The degree course provides a liberal education in legal principles and theory, and prepares students not only for the legal and notarial professions, but for public service and business. In the field of private law, the curriculum is based in the Civil system, from which the Quebec Civil Code is derived; in the field of public law, stress is laid on Constitutional, International and Administrative law, and on the new institutions and procedures resulting from the increased role of government in the modern state.

ADMISSION*

Students who have successfully completed two years in the Faculty of Arts and Science at McGill University will be admitted to the Faculty of Law without further examination. Other candidates for admission will have to satisfy the Faculty that they have attained an equivalent educational standard, and are intellectually qualified to pursue with advantage the study of law.

Students whose right to enter the third year of the Arts and Science Faculty is conditional upon their passing supplemental examinations are not eligible for admission to the Faculty of Law.

Women are admitted to the Faculty on the same terms as men, and are eligible for the degree. As the law stands at present, however, they can be admitted to the legal but not to the notarial profession in the Province of Quebec.

The Faculty may admit a limited number of suitable persons to attend selected courses of lectures without matriculation in a University. Such permission will only be granted to applicants who satisfy the Faculty of their capacity to undertake with advantage the study of law. They will not be allowed to proceed to a degree, but will be entitled to receive a certificate specifying the course of study which they have successfully pursued and the class which they have obtained in the examination.

Candidates for admission are required to interview the Dean or the Secretary of the Faculty and to obtain permission to register.

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*For students proceeding to the Bar and the notarial profession, see page 2012.

FRENCH

The attention of students is directed to the necessity of being able to read French easily, as many of the works to which they will be referred are in that language.

REGISTRATION

All students must register in person at the office of the University Registrar on Friday, September 28th, or Saturday morning, September 29th.

Students registering later than the prescribed dates will be required to pay a late registration fee of $5 during the first week of the session and $10 during the second. This will not be refunded, except by special permission of the Faculty.

Students must bring with them at the time of registration the evidence necessary to show that they are entitled to admission into the Faculty, if this has not already been furnished. A written acceptance by the Faculty of Law must be presented to the Registrar.

FEES

The regular fees and special fees are given in the General Information Pamphlet included with this Announcement.

DATES FOR PAYMENT

Fees are due and payable at the Accounting Office on Friday, September 28th, and Saturday, September 29th, but they may be paid before these dates. The second instalment is due and payable on February 1st. An additional $2 is charged for payment after the specified dates. An instalment fee of $5 is charged when fees are paid in two instalments.

Students registering late must pay their fees when they register, failing which they become subject to the provisions of the above paragraph.

Immediately after the prescribed dates for the payment of fees a list of the registered students who have not paid their fees is sent to the Dean of the Faculty, who removes their names from the register of attendance. Such students are not readmitted to any class until advice has been received from the Chief Accountant that the fees have been paid.

PRIZES, SCHOLARSHIPS, AND MEDALS

The *Elizabeth Torrance Gold Medal*, founded in 1864 by Professor John Torrance in memory of his wife, is awarded to the student who obtains the highest marks in the Final Examination.

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The *Montreal Bar Association* offers a prize of $50 to the student who obtains the highest standing in Civil Law, and the Junior Bar Association a prize of $15 to the student who obtains the best marks in Civil Procedure in the Final Year.

The *Alexander Morris Exhibition*, of the value of $50, founded in memory of the late Hon. Alexander Morris, M.A., D.C.L., of Toronto, will be awarded to the student who obtains the highest standing in the Second Year.

The *Chief Justice Robert Alfred Ernest Greenshields Prize in Criminal Law*, founded in 1943 by Mrs. Greenshields in memory of her husband, the late Chief Justice Greenshields, D.C.L., LL.D., for many years Professor of Criminal Law and Dean of the Law Faculty. The prize will be awarded to the member of the graduating class having the highest standing in Criminal Law throughout the college course.

The *Adolphe Mailhiot Prize*, established by Mr. and Mrs. J. N. Mailhiot of Victoriaville, P.Q., in 1927, consists of a prize of law books to be given annually to a student selected by the Faculty.

The *Macdonald Travelling Scholarship* was founded by the will of the late Sir William Macdonald "for the purpose of enabling English-speaking Law students to take a course of studies in France," the testator "deeming it of great importance that the English-speaking members of the legal profession should be proficient in the French language." The value of the scholarship is approximately $1,000. The scholar elected is required to pursue a year's study in the Law Faculty of a French University approved, in each case, by the Faculty. The award is made at the discretion of the Faculty to a student of the graduating class proceeding to the Bar, who has obtained first or second class honours in the Final Examination, and who would be unable without such financial help to spend a year in France. The Faculty interprets the will of the late Sir William Macdonald as intending that the Scholarship be awarded only to students preparing for practice as advocates in the Province of Quebec.

The *Edwin Botsford Busteed Scholarship* was founded by the will of the late Mrs. Edwin Botsford Busteed in memory of her husband, Edwin Botsford Busteed, K.C., B.A., B.C.L., and will be awarded to an applicant, chosen by the Faculty, who desires to carry out graduate research on some subject connected with the law of Quebec and approved by the Faculty. The value of the scholarship is approximately $240.

The *Thomas Alexander Rowat Scholarship* was founded by Mr. Donald McKenzie Rowat, N.P., in memory of his brother, Lieutenant Thomas Alexander Rowat, B.C.L., who was killed in action at Lens, France, on the 28th June, 1917. The value of the scholarship is approximately $75. It is awarded in alternate years for proficiency in the French language and in the old French law. The next award of this scholarship will be in the session 1950-51.

The *Charles Albert Nutting Prize* was founded in 1930 by Miss Adelaide Nutting, M.A., R.N., in memory of her brother, Charles Albert Nutting, K.C., B.C.L., who graduated from this Faculty in 1872. The value of the prize is approximately $40. It is awarded to the student in the first or second year submitting the best essay on a topic related to legal history, the topic to be fixed in advance by the Faculty.

The *Carswell Company Prizes*, consisting of two sets of books valued at $30 each, are awarded to First or Second Year students at the discretion of the Faculty. These prizes were established in 1948 by the Carswell Company of Toronto.

Students in the Faculty are eligible for *University Scholarships*. For particulars see the Scholarships Announcement.

No medals, prizes, or scholarships will be awarded, if in the opinion of the Faculty there is no candidate of sufficient merit.

SCHOLARSHIPS ANNOUNCEMENT

A complete list of scholarships and bursaries and the regulations governing the various loan funds are given in the Announcement of Scholarships, Bursaries, and Loan Funds which may be obtained from the Registrar's Office.

DEGREES

B.C.L.

The degree granted in the Faculty is that of Bachelor of Civil Law. The course covers three years.

M.C.L.

The degree of Master of Civil Law is granted under the authority of the Faculty of Graduate Studies and Research for advanced study in law. The candidate must have the degree of B.C.L. from McGill or its equivalent, and must have obtained at least second class honours in the subject which he proposes to study and in the course as a whole. He must spend at least one year in resident study and present a thesis on some topic connected with his subject. The complete regulations governing this degree are given in the Announcement of the Faculty of Graduate Studies and Research.

D.C.L.

The degree of Doctor of Civil Law is granted under the authority of the Faculty of Graduate Studies and Research. The regulations governing this degree are given in the Announcement of that Faculty.

UNIVERSITY LIBRARY

LIBRARY

The Law Library of the University at present contains over 30,000 volumes, and is located in Chancellor Day Hall. The principal law reports of Canada, the United Kingdom, and France are included, as well as a selection of reports from the United States and elsewhere.

Books will be loaned by the library, but fines are assessed for books overdue.

The Redpath Library, the general University library, is also available for the use of Law students.

EXAMINATIONS

*Examinations will be held:

(a) At the end of the first year, covering the year's work.

(b) At the end of the second year, covering the second year's work.

(c) At the end of the third year, on the work of the third year, and on the Civil Law and Civil Procedure covered in the first and second years. The results obtained in first year in Criminal Law and in Roman Law, and in second year in Constitutional Law, Criminal Procedure and Insurance Law are included in the third year total.

Special tests may be required by the Faculty at any time.

At all examinations in the Faculty students are at liberty to write their answers either in English or in French.

CLASSIFICATION OF MARKS

Class I	80–100%
Class II	70– 79%
Class III	50– 69%

IN ORDER TO PASS A STUDENT MUST HAVE AN AVERAGE OF 60% WITH A MINIMUM OF 50% IN EACH SUBJECT.

*These requirements are subject to alteration by the Faculty, of which notice will be given.

SPECIAL EXAMINATIONS

(a) Students are not allowed the privilege of writing supplemental examinations. Special examinations may be set in the event of illness at the time of examination and analogous cases.

(b) All applications for special examinations must be made to the Dean in writing and must reach his office before July 1st.

(c) The prescribed fees must accompany the written application and are payable to McGill University. Fees for special examinations will be ten dollars for each paper, with a maximum charge of fifty dollars. If the Third Year Essay is not accepted, in addition to the foregoing, a charge of ten dollars for reading the revised essay will be made.

(d) Students are not, in principle, allowed to repeat a year more than once and any permission to enrol for a third time in the same year is a matter entirely at the discretion of the Faculty.

GRADUATING ESSAY

In addition to passing examinations students must submit, not later than the 10th of January of their third year, an essay of not less than ten thousand words on a subject set by the Faculty. Although no marks are assigned to the essay, no degree will be granted unless it is adjudged satisfactory. It will be taken into account in awarding honours and prizes of a general nature, such as the Elizabeth Torrance Gold Medal and the Macdonald Travelling Scholarship, and in deciding upon doubtful cases.

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CURRICULUM*

FIRST YEAR

ROMAN LAW

Three hours throughout the session. *Dr. J. G. Gazdik*

CIVIL LAW

(a) Persons and Property.
Two hours throughout the session. *Professor C. S. Le Mesurier*

(b) Obligations.
Three hours throughout the session. *Professor Louis Baudouin*

CRIMINAL LAW

Two hours throughout the session. *Professor C. S. Le Mesurier*

LEGAL HISTORY

One hour throughout the session. *Professor Louis Baudouin*

CONSTITUTIONAL LAW

One hour throughout the session. *Professor F. R. Scott*

INTRODUCTION TO LAW AND JURISPRUDENCE

One hour, first term.
Two hours, second term. *Professor Maxwell Cohen*

SECOND YEAR

CIVIL LAW

(a) Sale, Lease and Hire, Mandate, Partnership, and Minor Contracts.
Three hours, first term. *Professor Louis Baudouin*

(b) Marriage Covenants, Successions, Gifts, Wills, Substitutions, and Trusts.
Three hours, second term. *Professor Louis Baudouin*

(c) Privileges, Hypothecs, Registration, and Prescription.
Two hours, first term.
One hour, second term. *Professor C. S. Le Mesurier*

CIVIL PROCEDURE

Two hours, first term. *Mr. A. M. Watt*
Two hours, second term. *Mr. Justice G. S. Challies*

*This curriculum may be revised to meet new Bar requirements.

CONSTITUTIONAL LAW

Two hours throughout the session. *Professor F. R. Scott*

CRIMINAL PROCEDURE AND EVIDENCE

Two hours, one term.
One hour, the other term. *Mr. John Crankshaw*

INSURANCE LAW

One hour throughout the session. *Mr. J. L. O'Brien*

COMMERCIAL LAW

One hour throughout the session. *Mr. A. M. Minnion*

THIRD YEAR

COMMERCIAL AND MARITIME LAW

(a) Company Law and Bankruptcy.
One hour throughout the session. *Mr. J. P. Anglin*

(b) Negotiable Instruments.
Two hours, second term. *Professor Maxwell Cohen*

(c) Maritime Law and Carriers.
One hour, first term. *Professor Maxwell Cohen*

CIVIL PROCEDURE

Two hours throughout the session. *Dean W. C. J. Meredith, K.C.*

EVIDENCE IN CIVIL MATTERS

One hour, one term. *Mr. George R. W. Owen*

CONFLICT OF LAWS

One hour throughout the session. *Professor C. S. Le Mesurier*

INDUSTRIAL LAW

One hour throughout the session. *Professor F. R. Scott*

INTERNATIONAL LAW

Two hours throughout the session. *Professor Maxwell Cohen*

ADMINISTRATIVE LAW

Two hours throughout the session. *Professor F. R. Scott*

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FOURTH YEAR

Although students may be granted the degree of B.C.L. at the end of their third year, those who are candidates for admission to the Bar and to the Notarial profession of Quebec are now required to take a fourth year.

The fourth year for students proceeding to the Bar will consist of practical instruction in the following subjects:

(a) Lectures in:

1. Professional Ethics and organization
2. Accountancy
3. Taxation and Fiscal Law

(b) Tutorials in drafting of legal documents and practical instruction in Civil Law, Civil Procedure, Criminal Law and Procedure, Parliamentary Procedure, and Company Law.

(c) Trial Technique in Civil and Criminal Matters including Moot Courts, Mock Trials, etc.

(d) Practical training in selected law offices.

ADMISSION TO THE LEGAL PROFESSION IN QUEBEC

Candidates proceeding to the Quebec Bar must be Canadian citizens, hold the degree of B.A. from a Canadian or British university or of a University or College the degree whereof is recognized as the equivalent by Laval, McGill, and Montreal Universities, and satisfy the Bar Examiners that they have successfully completed "the regular course in philosophy" in an approved university. The philosophy course may, with permission from the Faculty, be taken concurrently with the law course.

Candidates for admission to the Notarial profession must also be Canadian citizens and hold the degree of B.A., B.Litt., or B.Sc. from a Canadian, English, or French university.

Further information regarding admission to the Bar may be obtained by applying to Mr. Charles Coderre, K.C., Room 713, Montreal Tramways Building, 159 Craig Street West, Montreal, or by consulting the Bar Act, 1941, R.S.Q. chap. 262 (as amended). Information regarding admission to the Notarial profession can be obtained by applying to Mr. Arthur Courtois, Room 320, New Court House, Montreal, or by consulting the Notarial Code, 1941, R.S.Q., chap. 263 (as amended).

INSTITUTE OF INTERNATIONAL AIR LAW

This Institute will operate within the Faculty of Law under the Directorship of Professor John Cobb Cooper. Its purpose is to provide facilities for advanced study in International Air Law for qualified Law graduates, and also to provide an academic organization for fundamental research in this field.

The course of study normally will require two years residence at the Institute, but those candidates whose work during the first year is, in the Director's opinion, satisfactory, may be permitted during the second year to offer a thesis *in absentia* on an approved subject within the field of the Institute's work. If the thesis is accepted, the candidate will receive the degree of LL.M.

The annual fee for the course in residence (excluding living expenses in Montreal) is $400, plus an additional fee of $25 payable at the time of filing of a thesis *in absentia*.

Applicants for admission must hold a Law degree from an approved Law School in any part of the world, but those having a working knowledge of the English and French languages will be given preference. All candidates must present evidence of the subjects covered in their prior Law studies and of their scholastic standing.

The course will commence on October 1st, but candidates should be in residence not later than September 24th. Application forms and curricula are available at the Faculty.

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McGill University

Montreal

Faculty of Music

1951-1952

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Faculty of Music

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PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

INDEX

	PAGE
Admission	2117
Bursaries	2120
Calendar	2110
Classes of Students	2118
Conservatorium Regulations	2119
Facts of Historical Interest	2112
Fees	2118
General Information	2115
Lecture Time Table	2109
Pianoforte Teacher's Training Course	2142
Public events during 1950-51	2113
Scholarships	2120
Sessional Announcement	2116
Staff	2106

PUBLIC EXAMINATIONS FOR DEGREES AND DIPLOMAS

Centres of Examinations	2153
Degrees in Music, Mus. D	2201
" " Mus. B	2122
Diploma in Music, Regulations for Licentiate in Music	2125
" " Regulations for Associateship in Music	2146
Chamber Opera Department	2149
Exemption from First and Second Mus. B. Examinations	2119, 2123
Fees	2157
Local Representatives and Secretaries	2153
Matriculation	2122
Music in Education	2124
Practical Examinations for Licentiate	2127
Examination and Courses (Professional Instructor)	2139

PUBLIC LOCAL EXAMINATIONS

Advice to Teachers and Candidates	2151
Class Singing Examinations	2158, 2200
Centres of Examinations	2153
Fees	2157
General School Examinations	2158, 2200
Local Representatives and Secretaries	2153
Practical Examinations	2160
Regulations for Examinations	2150
Theoretical Examinations	2158

McGill University

VISITOR

His Excellency the Governor-General of Canada

CHANCELLOR

The Hon. Associate Chief Justice Orville Sievwright Tyndale, B.C.L., M.A., D.C.L., LL.D.

PRINCIPAL AND VICE-CHANCELLOR

F. Cyril James, B.Com., M.A., Ph.D., D.Sc., D.C.L., LL.D., D. de l'U., F.R.S.C., Chevalier de la Légion d'Honneur

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DEAN OF THE FACULTY OF MUSIC AND DIRECTOR OF THE CONSERVATORIUM

Douglas Clarke, M.A., Mus.B., F.R.C.M., F.R.C.O.

COMPTROLLER AND EXECUTIVE ASSISTANT TO THE PRINCIPAL

S. H. Dobell, D.S.O.

BURSAR

William Bentley, C.G.A.

REGISTRAR

T. H. Matthews, M.A.

CHIEF ACCOUNTANT

G. A. Grimson, B.Com.

SECRETARY OF THE FACULTY AND CONSERVATORIUM OF MUSIC

J. Waud, L.Mus., Mus.B.

Office—3450 Drummond St., Montreal 25

All communications should be sent to the Secretary of the Conservatorium, at the above address.

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TEACHING STAFF OF THE CONSERVATORIUM

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MR. HELMUT BLUME
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MR. J. B. SPEIRS, L.R.A.M. A.R.C.M.
MISS EDITH JOHNSON
MRS. E. EAGER ROSS, L.Mus.

JUNIOR PIANOFORTE DEPARTMENT

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MISS ELIZABETH SCHWOB, A.Mus.

ORGAN

MR. KENNETH MEEK, L.Mus., Mus.B.
MR. PHILLIPS MOTLEY, B.A., Mus.B.

SINGING

MISS JEAN L. MILLAR
MME. RIA LENSSENS

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MISS BARBARA SCOTT, A.Mus.

SIGHT SINGING AND PART SINGING

THE DIRECTOR

CHORAL STUDY AND APPRECIATION CLASS

THE DIRECTOR

ELEMENTARY AND HIGHER THEORY

THE DIRECTOR
DR. FRANK HANSON
MR. CLAUDE CHAMPAGNE
MR. KENNETH MEEK, L. Mus., Mus.B.
MISS ELIZABETH SCHWOB, A.Mus.

HISTORY, AESTHETICS, FORM AND ANALYSIS, AURAL TRAINING, AND MUSICAL DICTATION

THE DIRECTOR
PROFESSOR MARVIN DUCHOW, B.A., Mus.B.

SCHOOL MUSIC

Dr. Frank Hanson

SCHOOL CLASS TEACHERS' TRAINING COURSE

Dr. Frank Hanson

TEACHERS' METHODS AND MATERIALS

Dr. Frank Hanson

Mr. Bernard Symons, A.R.A.M.

HARMONY AND COUNTERPOINT

The Director

Mr. Claude Champagne — Dr. Frank Hanson

COMPOSITION AND ORCHESTRATION

The Director — Mr. Claude Champagne

Professor Istvan Anhalt

VIOLIN AND VIOLA

Professor Alexander Brott, L.Mus. — Mr. D'Arcy Shea, L.Mus.

M. Lucien Robert

VIOLONCELLO

Miss Yvette Lamontagne — Mr. Jean Belland

Mrs. Alexander Brott

DOUBLE BASS

Mr. Roger Charbonneau

FLUTE

Mr. H. E. Baillargeon

OBOE

Mr. Réal Gagnier — Mr. R. Luckett

CLARINET

Mr. J. Moretti

BASSOON

Mr. R. de H. Tupper

FRENCH HORN

Mr. J. E. MacDonald

TRUMPET

Mr. G. E. Jones

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TROMBONE
MR. J. E. BELL

TYMPANI AND PERCUSSION

HARP
MME. J. DROUIN-ADKINS

CONSERVATORIUM ORCHESTRA
THE DIRECTOR

CONDUCTING CLASS
THE DIRECTOR — MR. R. DE H. TUPPER

CHAMBER MUSIC AND INSTRUMENTAL ENSEMBLE
THE DIRECTOR

CHAMBER AND ORCHESTRAL MUSIC
REPERTORY AND OPERA
THE DIRECTOR — MR. R. DE H. TUPPER

DALCROZE EURYTHMICS
MLLE. GENEVIÈVE BUGNION

MODERN LANGUAGES (ITALIAN, FRENCH, GERMAN, AND SPANISH)

By arrangement with the Romance and Germanic Languages Departments of the University, students in Music have special facilities afforded them for studying these languages.

ACOUSTICS
THE DIRECTOR — MR. E. D. TIMMERMAN, B.Sc., A.C.I.C.

EXTRA-MURAL COURSES

Pianoforte classes are held in various schools throughout the City and vicinity. Information with regard to these can be obtained from the Secretary of the Conservatorium, who can also furnish the names of teachers in the City who prepare pupils privately for the McGill Local Centre examinations.

PHYSICAL TRAINING
MR. VICTOR F. OBECK, B.Sc., M.A. — MISS IVEAGH MUNROE, M.S.P.E., B.Sc., M.A.

HOURS	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
9-10				Chamber Music Class		Elementary Grade Theory Senior Grade Theory
10-11	Orchestral Repertory 1A			Chamber Music Class	3rd Mus.B. Counterpoint	Elementary-Junior Theory Junior Grade Theory Intermediate Grade Theory
11-12	Orchestral Repertory 2	1st Mus.B. History	3rd Mus.B. Form and Analysis	2nd Mus.B. Form and Analysis	1st Mus.B. Counterpoint	Elementary Grade Theory Highest Grade Theory Junior Orchestra
12-1	Orchestral Repertory 1B 1st Mus.B. Harmony	Composition	2nd Mus.B. Harmony 3rd Mus.B. History	3rd Mus.B. Harmony	Orchestration 2nd Mus.B. Counterpoint	Highest Grade Theory Junior Orchestra
2-3	Conducting Class	Elementary Form and Analysis			School Music	
3-4	2nd Mus.B. History	1st Mus.B. Form and Analysis	Aural Training 2		Senior Grade Theory	
4-5	Elementary Grade Theory Highest Grade History	Highest Grade Form and Analysis	Junior Grade Theory	Aural Training I Chamber Music Class	Intermediate Grade Theory	
5-6	Elementary-Junior Theory			Chamber Music Class		
6-7						
7-8				General Theory Class		
8-9				General Theory Class Conservatorium Orchestra (2 hrs.)		

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CALENDAR FOR 1951-1952

1951

Mon.,	*Sept.*	*10th*	First day of session. Teaching begins in all branches of Practical Music.
Fri.,	*Sept.*	*21st*	Entrance Examinations for new Students.
Mon.,	*Sept.*	*24th*	Lectures in Sight Singing, Theory, Harmony, Counterpoint, History, Form and Analysis, Canon and Fugue, Transposition, and Orchestration begin.
Sat.,	*Oct.*	*6th*	Founder's Day. Convocation. (James McGill born Oct. 6th, 1744; died Dec. 19th, 1813.)
Fri.,	*Oct.*	*12th* *8 p.m.*	Presentation at the Royal Victoria College of Diplomas of Associateship and certificates gained in the examinations at the end of last session.
Sun.,	*Nov.*	*11th*	Remembrance Day.
Fri.,	*Dec.*	*21st*	All lessons and classes end until after the Christmas vacation.

1952

Mon.,	*Jan.*	*7th*	All lessons and classes resumed.
Wed.,	*Jan.*	*30th*	First Students' Recital in Conservatorium Hall.
Fri.,	*Feb.*	*8th*	First Junior Students' Recital in Conservatorium Hall.
Wed.,	*Mar.*	*5th*	Second Students' Recital in Conservatorium Hall.
Fri.,	*Mar.*	*14th*	Second Junior Students' Recital in Conservatorium Hall.
Wed.,	*April*	*2nd*	Last day for examination entries.
Fri.,	*April*	*11th*	Easter Vacation.
Mon.,	*April* (*Inclusive*)	*14th*	
Fri.,	*April*	*25th*	Examinations in Theory (see page 2158)

Tues.,	*April*	*29th*	Examinations in Higher Theoretical Music begin.
Mon.,	*May*	*5th*	Practical Examinations begin at the Conservatorium.
Sat.,	*May*	*3rd*	Last day of Lectures.
Wed.,	*May*	*28th*	Convocation.
Fri.,	*May*	*30th*	Recital by Students who obtained Highest Marks in Practical Examinations.
Sat.,	*May*	*31st*	Last day of summer term. Conservatorium closes.

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FACTS OF HISTORICAL INTEREST

1904, September 21st	First day of teaching at the McGill University Conservatorium of Music. (Dr. C. A. E. Harris, Director.)
1904, October 14th	Conservatorium formally opened by Their Excellencies, Lord and Lady Minto, First Recital.
1908, October	Dr. Harry Crane Perrin takes up his duties as Director of the Conservatorium and first Professor of Music in McGill University.
1909, February 23rd	First Orchestral Concert.
1910, February 17th	First Choral Concert.
1910, April, May, June	First Local Centre examination throughout the Dominion.
1910, June 9th	First Mus. B. Degree conferred.
1911, May 12th	First Mus. D. Degree conferred.
1917	Conservatorium endowed by Sir William Macdonald.
1918, May 1st	Resignation (owing to illness) of Sir William Peterson, K.C.M.G., as Principal of the University.
1920, April 26th	The Governors of the University constituted a Faculty of Music with Dr. Perrin as Dean of the Faculty.
1920	General Sir Arthur Currie, G.C.M.G., K.C.B., appointed Principal of the University.
1921	Two Music Scholarships founded as a memorial to the late Sir William Peterson.
1922	Two Music Scholarships founded as a memorial to the late Sir William Macdonald.
1923	Conservatorium building becomes the property of the University by deed of gift from Lady Strathcona in accordance with the wishes of her father, the late Lord Strathcona.
1929, September	Mr. Douglas Clarke takes up his duties as Director.
1930, September	Mr. Douglas Clarke appointed Dean of Faculty of Music.
1933, November 30th	The Principal, Sir Arthur Currie, died.

1935, October 5th	Mr. A. E. Morgan installed as Principal and Vice-Chancellor.
1938, January 7th	Mr. Lewis W. Douglas installed as Principal and Vice-Chancellor.
1940, January 12th	Dr. F. Cyril James installed as Principal and Vice-Chancellor.
1948, March 17th-20th inclusive	"The Beggar's Opera" by John Gay presented in Moyse Hall by Faculty of Music and conducted by Dean Douglas Clarke, with the cooperation of the Departments of English, Physical Education, and Architecture, and the Library School.
1949, January 25th-29th inclusive	"Love in a Village", Ballad Opera, by Dr. Thomas Arne presented in Moyse Hall by the Faculty of Music and conducted by Dean Douglas Clarke. The whole opera was orchestrated by three senior students.
1949, October 24th	Owing to the dangerous state of the Conservatorium Building at 677 Sherbrooke Street West, it became necessary to find new quarters. The University Authorities purchased 3450 Drummond Street, to which address the Conservatorium moved on this date.
1949, October 31st	Lessons and Classes resumed in new building.
1949, November 28th	Official Opening Ceremony, by the Principal, of the new Conservatorium Building, 3450 Drummond Street, at which a Recital of Chamber Music was presented by Students.

PUBLIC EVENTS OF SESSION 1950-51

The following list is complete up to the time of going to press. Other concerts are being arranged.

1950

November 3rd	Recital by Students of Mr. Bernard Symons, A.R.A.M.
24th	Presentation at the Royal Victoria College of Diplomas of Associate and Certificates gained in the examinations at the end of last session.
December 2nd	Concert by the Conservatorium String Orchestra, conducted by Professor Alexander Brott, at the Faculty Club.
7th	Recital by Students of Professor Alexander Brott.

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1950		
December	*12th*	All-Beethoven Recital by Students of Mr. Helmut Blume.
	15th	Recital by Chamber Music Groups working under Professor Alexander Brott.
1951		
January	*23rd*	Chamber Music Concert by McGill String Quartet—Guest Artists, Mme Ria Lenssens and Dean Douglas Clarke—at Moyse Hall.
	26th	Recital by Students of Mr. Bernard Symons, A.R.A.M.
	28th	Recital of contemporary sacred music by the Conservatorium Choir, under Professor Istvan Anhalt, at the Church of St. John the Evangelist.
	31st	First Students' Recital.
February	*9th*	Junior Students' Recital.
	20th	Chamber Music Concert by McGill String Quartet—Guest Artist, Dean Douglas Clarke—at Moyse Hall
	27th	Recital by Students of Mme Ria Lenssens.
March	*3rd*	Recital by Students of Miss Jean L. Millar.
	7th	Second Students' Recital.
	9th	Recital by Students of Mr. Bernard Symons, A.R.A.M.
	16th	Second Junior Students' Recital.
	28th	Recital by Students of Mr. Helmut Blume.
	30th	Recital by Chamber Music Groups.
April	*18th*	All-Concerto Recital by Students of Mr. Helmut Blume.

Distinguished visitors during the season included Yehudi Menuhin, Maurice Eisenberg, Emil Cooper, Ernest Ansermet, Miss Ellen Ballon, and Thomas Young (New Zealand).

SCHOLARSHIPS AND AWARDS

The Scholarships were awarded as follows:

Macdonald Memorial Scholarship	Lise Vezina	—Violoncello
Peterson Memorial Scholarships divided among:	David Mather	—Violoncello
	Eugene Husaruk	—Violin
	Eric Austin	—Violin
Ellen Ballon Scholarship divided between	Mary Corish	—Pianoforte
	Elizabeth Dawson	—Pianoforte
H. R. Ressler Scholarship	Graeme Mather	—Violin
Donalda Prize	Lorraine Gingras	—Singing
Constance Willey Prize	Mary Corish	—Pianoforte
The Lieutenant-Governor's Silver Medal was awarded to	Octavia Wilson	

GENERAL INFORMATION

The McGill University Conservatorium of Music offers courses of study leading to the degree of Bachelor of Music through the Faculty of Music of McGill University. It also provides instruction in theoretical and in practical work for students proceeding to the examinations for the diplomas of Associate in Music and Licentiate in Music, and in addition conducts Local Centre Examinations throughout the Dominion of Canada intended mainly to assess the proficiency of candidates in their musical studies. (Details regarding the Local Centre Examinations may be found on pages 2153 to 2200.)

The three awards:

(a) Diploma of Associate in Music (A.Mus. McGill)

(b) Diploma of Licentiate in Music (L.Mus. McGill)

(c) Degree of Bachelor of Music (Mus.B. McGill)

are in increasing order of academic attainment. (a) and (b) do not require Junior Matriculation for qualification, whereas (c) does. On the other hand, holders of (a) and (b) are, in certain circumstances, given exemption from some of the examinations leading to (c). A student may qualify for any of several classes, or fields or specialization, the choice depending on

the aptitude and inclination of the candidate (see page 2126). The bachelor's degree is granted in two forms: the general degree (see page 2122) and the degree with specialization in education (see page 2124).

The time taken to reach the three stages may vary widely for different individuals, some being able to follow more courses of instruction at once than others. It would not normally be expected that a competent full-time student could complete the work leading progressively through the two diplomas to the degree at ages earlier than the following:

A.Mus.....18 years
L.Mus.....20 years
Mus.B.....22 years

Naturally, it would be unwise for every student to assume that he could necessarily attain the three stages according to this time-table.

The post-graduate degree of Doctor of Music (Mus.D.) is offered through the Faculty of Graduate Studies and Research (see page 2201).

The Conservatorium of Music is situated at 3450 Drummond Street, above Sherbrooke Street. Besides housing the administrative offices of the Faculty of Music, it contains a class-room-auditorium, a room in which a small concert organ is installed, a number of practice and teaching studios, and the Carnegie Library of Music. This last consists of a well-appointed room, containing a high quality electric phonograph, a large number of recordings representative of the music of all ages, and a collection of biographies, standard references works, and miniature scores. There is also a specially treated Recording Room where selected students may record from time to time to check their progress. A Radio Music School, operating through the University Extension Department, is conducted in the Conservatorium by a competent professional staff.

The Conservatorium Orchestra rehearses weekly and gives one or two public concerts during the academic session.

SESSIONAL ANNOUNCEMENT

The work of the Conservatorium of Music for the season 1951-52 will begin on September 10th, 1951, and will end on May 31st, 1952. It consists of three terms of eleven weeks each, with an additional summer term of three weeks, viz:

(a) September 10th to November 24th.
(b) November 26th to February 23rd (Christmas vacation, December 21st to January 7th).
(c) February 25th to May 10th.

Short summer term if desired.

Lectures arranged in progressive courses are offered as forming part of a connected curriculum, leading to certificates and diplomas, as well as to degrees in Music in the University.

The lectures will begin in the last week of September and extend over three terms of ten weeks each, viz.:

(a) September 24th to December 1st.

(b) December 3rd to February 23rd.

(c) February 25th to May 3rd.

The examinations in Montreal for certificates and diplomas will be held towards the end of the third term, i.e., from May 5th to May 17th. The Theoretical Examinations which precede the Practical Local Examinations will begin approximately April 25th.

ADMISSION

All candidates for admission will be given a practical entrance examination (for dates, see page 2110).

Students of the Conservatorium are admitted either as:—

Regular Students, taking an organized course, which includes individual instruction in a First and Second Subject, together with such classes and lectures as may be thought advisable by the Director, leading to the Diploma of Licentiate in Music or the Degree of Bachelor of Music in the University.

Partial Students, who, besides individual instruction in the one principal subject, have the privilege of attending certain classes. Instrumentalists are, at the discretion of the Director, assigned to certain of the following classes: Theory, Harmony, History, Form and Analysis, Ensemble Playing. Vocalists are assigned to two of the following classes: Theory, Sight-Singing, Choral Class.

Class Students. Those wishing to attend lectures or classes only in either theoretical or practical subjects.

FEES

The University reserves the right to change tuition, board and residence, and other fees without notice.

FACULTY OF MUSIC

Degree Students. The fee for the course leading to the degree of Mus.B. is $250 per annum, plus Student Societies fees, as below. This sum also covers the fees for the Degree Examination. Other Regular Students studying for the Licentiateship Examination, Class A, Class C, or Class D, may study the extra subjects toward the Mus.B. degree by paying additional class rates only.

CONSERVATORIUM OF MUSIC

The fees are as follows:

Regular Students. $250.00 a year payable at the beginning of the session (not later than October 1st) or in two instalments of $127.50 each payable before October 1st and January 15th, respectively. This sum also covers the fees for the Diploma Examination at the end of the year, as well as fees for Physical Education—which is compulsory, Student Health Service and athletic privileges, including admission to home games under the control of the Athletic Board, except those of the senior football and hockey teams.

At the request of the students themselves and by the authority of Senate, a fee of $15.00 is collected from all undergraduates for the support of certain Student Societies.

Partial Students. $15.00 to $75.00 (according to instructor selected) per term of eleven weeks. Students paying in full for three terms of eleven weeks each are allowed to take the examination for a Local Centre Examination Certificate at the end of the year without any further fee.

Class Students. Fees vary between $5.00 and $25.00 per term, according to class. Precise information can be obtained on this point from the Secretary. Fees for Pianoforte Teachers' Training Course (see page 2142); $7.50 for Students of the Conservatorium; $10.00 for others.

The fees for examinations for Certificates, when not included in the term fees as above mentioned, are the same as the fees for the Local Examinations. (See page 2157.)

In all cases fees must be paid strictly in advance at the office of the Conservatorium.

No individual or class lessons will be given to any student who is unable to produce a receipt showing that the necessary fees have been paid.

FEES FOR DIPLOMA AND DEGREE EXAMINATIONS

DIPLOMA OF ASSOCIATE (A. Mus.)

Fees for examination, $15.00. Diploma fee, $2.50.

DIPLOMA OF LICENTIATE (L. Mus.)

Fees for examination, $45.00, of which $15.00 is payable at each examination. Diploma fee, $5.00.

DEGREE OF BACHELOR OF MUSIC (Mus. B.)

Matriculation fee, $10.00 (see General Announcement of the University). Fees for examinations payable as follows:—First examination in Music, $20.00. Second examination in Music, $20.00. Final examination in Music, $20.00. Graduating fee, $20.00.

Although under special conditions exemptions from certain examinations for the Diplomas of Associate and Licentiate and Degree of Bachelor of Music may be allowed, there is no exemption from the *fees* given above, except in the case of candidates holding the requisite McGill Local Centre Certificates.

(The above does not apply to regular students.)

DEGREE OF DOCTOR OF MUSIC (Mus. D.)

Fee $100.00, one-half of which ($50.00) is paid when submitting the exercise and the balance ($50.00) before the final examination.

N.B.—Candidates examined in theoretical subjects connected with the above Degrees, Diplomas and Special Certificates at centres other than Montreal will probably have to pay a local supervisor's fee in addition to the fees stated above.

CONSERVATORIUM REGULATIONS

1. Fees are not refunded, nor is the length of the term extended on account of temporary absence. Absence from lessons caused by prolonged illness may be allowed for, provided the Secretary is notified and a Doctor's certificate presented.

2. *No business matters can be arranged through the instructors, but must be transacted through the office.*

3. Students cannot register for less than a term and must notify the Secretary, *at least a week before the end of the term*, if they wish to discontinue lessons, otherwise it is understood that lessons will be continued through the following term and fees for the full additional term must be paid.

4. Any lessons missed in consequence of the instructor's absence will be made up at the mutual convenience of instructor and pupil. Lessons missed by students are their loss, unless a Doctor's certificate is produced, when lessons will be made up, but no fees will be refunded or remitted.

5. All students must sign the attendance register in the office immediately after each lesson.

6. Every student (except those attending schools) must, at the beginning of each session, *either* produce a medical certificate from his or her medical attendant *or* be examined by the Medical Officer appointed by the University. (See General Announcement.)

7. No student suffering from an infectious or contagious disease, or who is, in the opinion of a competent medical attendant, in any way brought into contact with any person infected with such disease, is allowed to attend.

8. Students are required to be punctual at lessons, lectures, concerts and examinations.

9. Notices on the bulletin boards are official, and students are requested to pay due attention to such as may be posted there.

10. *No change in course or teacher can be made without first obtaining the consent of the Director.*

11. Students are advised to take the sessional examination (the form of such examinations to be decided by the Director) and are prepared for the same by the instructor or instructors to whom they are assigned.

12. *A student wishing either to take part in any public musical performance, publish a composition, or accept a professional engagement, must first obtain the consent of the Director, and the approval of the student's teacher. The prescribed form must first be filled in.*

13. The name of each lecture and the hours at which the classes are held will be posted on the notice boards.

14. *Registered students of the Conservatorium must take part in either recitals or concerts, if required to do so by the Director.*

15. Visitors are not allowed to be present during any lesson (class or private) except by permission.

16. The Director has the right to refuse or to cancel at any time the registration of any individual whose presence in the Conservatorium may appear detrimental to its interests.

17. Smoking within the building is absolutely prohibited.

18. The standing of any student in the Faculty depends not only on examination results but also on his general progress and musical ability.

19. Reports on the progress and ability of each student will be prepared by all teachers, and by the Director, at the end of each term, and sent to the parents or guardian.

SCHOLARSHIPS

THE SIR WILLIAM PETERSON MEMORIAL SCHOLARSHIPS

Established in 1921 by the University and by friends, graduates and pupils of the Faculty of Music. The interest upon the original endowment of $6,055 is used to support two scholarships in Music as a memorial to the late Sir William Peterson.

For further details consult the Secretary of the Faculty.

THE SIR WILLIAM MACDONALD MEMORIAL SCHOLARSHIPS

Established in 1922 by the University. The interest upon the original endowment of $6,000 is used to support scholarships in Music as a memorial to the late Sir William Macdonald.

For further details consult the Secretary of the Faculty.

ELLEN BALLON PIANO SCHOLARSHIP

Founded in 1928 by a gift of $1500 from Miss Ellen Ballon, a graduate of the Conservatorium. The principal has been increased by a further gift of $1,500 from Miss Ballon. In making this award the Faculty takes into account the need as well as the ability of candidates.

RESSLER SCHOLARSHIP

Founded in 1950 by Mr. H. R. Ressler for violinists.

DONALDA PRIZE

Founded by a gift of $2,500 from Madame Pauline Donalda.

CONSTANCE WILLEY PRIZE

Founded 1947 by Mrs. Arthur Willey for the candidate obtaining highest marks in the semi-final examinations for the Licentiate Diploma in Pianoforte playing.

For further details consult the Secretary of the Faculty.

UNIVERSITY BURSARIES

Full-time students studying for the Licentiate in Music or for the Bachelor of Music degree may apply for University Bursaries. For details see the separate Scholarships Announcement which may be obtained from the Registrar's Office.

REQUIREMENTS FOR DEGREES

For requirements for the Degree of Doctor of Music, see page 2201.

DEGREE OF BACHELOR OF MUSIC

All candidates for this degree must pass the following examinations:—

1. The Matriculation examination.
2. The First examination in Music (at the end of the first year).
3. The Second examination in Music (at the end of the second year).
4. The Final examination in Music (at the end of the third year).

A specimen set of papers for each of the three examinations in Music can be obtained from the Secretary, price 25c. each.

ARMADILLO LIBRARY

THE MATRICULATION EXAMINATION

The Matriculation Examination is held yearly, in June, at McGill University and at various centres throughout the Dominion. There is also an examination held in September, but at McGill University only. Candidates for musical degrees are examined in the following:—

1. English (two papers).
2. History (one paper).
3. Two of the following languages:—French, German, Latin, Italian, Spanish (two papers in each of the two languages chosen by the candidate).
4. Algebra or Geometry (one paper).
5. Music—one paper. The paper set is that of the Highest Grade (Harmony and Counterpoint) of the local theoretical examination in Music and must be taken by the candidate at the regular examinations held by the Conservatorium in May.

Further information with regard to this examination, and exemption therefrom through the possession of certain equivalent certificates, can be obtained from the Registrar of the University.

EXAMINATIONS IN MUSIC FOR DEGREE OF BACHELOR OF MUSIC

The first and second practical studies are no longer required. In their place reading from open score is required in each part of the Mus. B. examination.

FIRST EXAMINATION IN MUSIC

NOTE:—No student may proceed to the higher examination until he has completed all the requirements of the lower.

(a) Harmony in three and four parts.

(b) Strict Counterpoint up to three parts, answers to Fugue subjects. Canon in two parts.

(c) Form and analysis. Questions will be given on accent, cadences, metre, rhythm, phrasing, etc., and on the form of the pieces included in lists A and B of the Highest Grade Piano Local Centre Examinations.

(d) Musical History, 1600-1900.

(e) Playing on the pianoforte from open vocal score (G & F clefs only).

(f) Viva voce.

SECOND EXAMINATION IN MUSIC (See note above)

(a) Harmony in not more than four parts, choral and instrumental.

(b) Counterpoint (strict and free) in not more than four parts.

(c) Fugal exposition up to four parts to which must be added a codetta and a counter exposition. The counter subject must be regular and in double counterpoint.

(d) History of music from earliest times to A.D. 1600.

(e) Form and analysis. The candidate must show an intimate knowledge of a few compositions, the names of which will be supplied on application, at least three months before the date of examination.

(f) Elementary knowledge of accoustics or physiology of the voice.

(g) Playing on the pianoforte from string quartet score.

(h) Viva voce.

The possession of the Diploma of Licentiate of Music obtained either under Classes A, C or D from McGill University exempts candidates from the necessity of taking the First and Second Examinations for Mus. B, and, accordingly, candidates can proceed direct to the Final Examination, provided that they have matriculated.

FINAL EXAMINATION IN MUSIC (See note above)

(a) Harmony up to five parts.

(b) Free Counterpoint, up to five parts, in 16th century style.

(c) Fugue in four parts. Countersubject to be in double counterpoint at the 12th.

(d) History of music from 1900 to present.

(e) Form and analysis. Knowledge will be required of such works as the following:—Bach's 48 Preludes and Fugues; Beethoven's Pianoforte Sonatas; Schubert's, Schumann's and Brahms' Songs; an Opera *or* an Oratorio; Symphonies and Overtures by Mozart, Beethoven, Brahms, Mendelssohn, Wagner, besides contemporary works. Candidates may, at least three months before the examinations, obtain from the Secretary of the Faculty of Music a complete list of the works upon which the examination paper in this subject will be based.

(f) Instrumentation. A knowledge of the compass and capabilities of all instruments in the modern orchestra and the scoring of a given passage in a given time; also the reading at sight from an easy score of a classical composer.

(g) Two compositions to be sent in by a candidate, to be received by the Secretary of the Examining Board not later than the last day of

the second week in April. One to be an unaccompanied vocal work (not an anthem) showing considerable vocal resource; the other to be a work for strings, or combination of not less than four instruments or full orchestra. The works may be in any form and the intrumental composition should be of extended length. Candidates, when submitting their compositions, must send at the same time, a signed statement to the effect that the works are their own unaided efforts. (The composition, whether accepted or not, will not be returned to the candidate.)

(h) Viva voce.

(i) Essay. Candidates will be required to write an English Essay on one of a choice of subjects of general interest, not necessarily having any connection with music.

BACHELOR OF MUSIC—MUSIC IN EDUCATION

Prerequisite for the course leading to the Degree of Bachelor of Music in Education to be:

(a) Junior Matriculation (or the equivalent).

(b) Completion of all the requirements for the Licentiate Diploma (Class D). (See page 2146.)

Before sitting for the examination, candidates must submit an original thesis on some phase of music in education, previously approved by the Dean of the Faculty of Music. Thesis must be in the hands of the Secretary of the Faculty of Music before April 1st.

Course Leading to the Examination will be in three parts:—

1. Theoretical work.
2. Practical work.
3. Viva voce.

NOTE:—No student may proceed to the higher examination until he has completed all the requirements of the lower.

1. THEORETICAL WORK

(a) Harmony up to 4 parts, thus: S.S.A.; S.A.B.; S.S.A.A.; S.S.A.B.; S.A.T.B.; including harmonizing melody (in the style of a Bach chorale) for strings or wind.

(b) Counterpoint, strict and free up to 4 parts.

(c) Fugal exposition in four parts to which must be added a codetta and a counter exposition. The counter subject must be regular and in double counterpoint.

(d) History of Music—1900 to date.

(e) Form and Analysis. Knowledge will be required of such works as the following: Bach's 48 Preludes and Fugues; Beethoven's Pianoforte Sonatas; Schubert's, Schumann's and Brahms' Songs; and an Opera or Oratorio; Symphonies and Overtures by Mozart Beethoven, Brahms, Mendelssohn, Wagner, besides contemporary works. List of works on which the examination papers in this subject will be based may be obtained from the Secretary of the Faculty of Music at least three months before the date of the examination.

(f) Instrumentation. A knowledge of the compass and capabilities of all instruments in the Orchestra and Military Band, and the scoring of a given passage for High School Band and High School Orchestra.

2. PRACTICAL WORK

Ability to:

(a) Direct School Band or Orchestra.

(b) Direct School choral group with Band or Orchestral accompaniment.

(c) Teach School Instrumental class, brass or strings or reed.

3. VIVA VOCE

(a) Questions concerning any phase of school music.

(b) Preparation, and test, of repertory will be given by means of gramophone recordings concerning candidate's knowledge of thematic material in works selected for that purpose. A list of works on which the test will be based may be obtained from the Secretary of the Faculty of Music six months prior to the examination.

(c) Questions pertaining to the submitted thesis.

REQUIREMENTS FOR THE DIPLOMA OF LICENTIATE IN MUSIC

(For Fees, see page 2118)

Candidates may elect to be examined either in:—

Class A—Theoretical Subjects and Composition, *or*

Class B—Practical Subjects as Performers, *or as*

Class C—Professional Instructor (see page 2139), *or*

Class D—School Teacher (see page 2146).

LICENTIATE CLASS A—THEORETICAL SUBJECTS AND COMPOSITION

FIRST EXAMINATION

NOTE:—No student may proceed to the higher examination until he has completed the requirements of the lower.

(a) *Advanced Rudiments*, including Sight Reading and Ear Tests.

(b) *The Harmony and Counterpoint* paper of the Highest Grade Local Centre theoretical examinations.

(c) *History and Form and Analysis* paper of the Highest Grade Local Centre theoretical examinations.

SECOND EXAMINATION (See note above)

Requirements a, b, c, and d are the same as those for the First Examination for Mus.B. (See page 2122.)

(e) The regulation requiring the submission of a composition is cancelled. Instead, candidates will be required to sit for an examination in the setting of words for unaccompanied S.A.T.B., or specified voices with instrumental accompaniment.

THIRD EXAMINATION (See note above)

Requirements a, b, c, d, and e are the same as those of the Second examination for Mus.B. (See page 2123.)

(f) *Practical work on pianoforte or organ.* The requirements are those of the Senior Grade of the practical local examinations. Exemption from this test may be claimed if candidates possess certificates showing that they have passed that examination.

(g) *Composition* of (1) a movement in Sonata form (for either pianoforte, or organ, or violin and pianoforte, or any other combination); or (2) a Chorus with independent accompaniment for strings or some combination of orchestral instruments (*not an anthem*); or (3) an extended composition for strings. This must be received by the Secretary not later than the last day of the second week in April. (The Composition, whether accepted or not, will not be returned to the candidate.)

(h) *Instrumentation.* A knowledge of the compass and capabilities of all instruments in the modern orchestra and the scoring of a given passage in a given time.

(i) *Viva voce;* also the reading at sight from an easy full orchestral score of a classical composer.

LICENTIATE CLASS B—PRACTICAL SUBJECTS AS PERFORMERS

FIRST EXAMINATION

Candidates are required to pass Senior Grade of the Local Centre Examination in Theory, and practical work either as Vocalist or Instrumentalist, in Principal Study, the requirements of which are those of the Highest Grade of the practical local examinations. Candidates will be asked questions on the form of the works presented, as well as questions relating to keys and modulations.

SECOND EXAMINATION (Semi-Final)

The requirements for candidates whose chief study is either pianoforte, or violin, or violoncello, or organ, or singing, are found under separate headings, numbered (i) to (vii):—

(I) PIANOFORTE

(No written examination)

1. *Scales.* Major, minor (both forms) and chromatic scales at the distance of 8ve, 3rd, 6th and 10th through four octaves; also in double 3rds (in similar motion only) and double 8ves through two octaves.

The candidates must be prepared to play all the above mentioned scales in all keys, in either similar or contrary motion, beginning on either the highest or lowest notes, and with either legato or staccato touch (double 3rds in similar motion only).

2. *Arpeggios.* Common chords, with hands commencing either an 8ve, 3rd, 6th, or 10th apart, in similar and contrary motion, also common chords in double octaves, legato and staccato, beginning on either the highest or lowest notes; dominant and diminished 7ths in similar motion an octave apart or at any inversion or interval; in contrary motion commencing either on the same note and working outwards, or on the extreme notes and working inwards. Also double octaves.

3. *Reading at Sight.*

4. *Performance.* (Extra marks will be given for playing from memory.) One item from each group to be prepared, plus a piece of the candidate's own choice.

(a)	Partita in C Minor (first movement)	BACH
	Partita in G Major—Preamble	BACH
	Prelude and Fugue in D Minor—Book I	BACH
	Prelude and Fugue in C Minor—Book II	BACH

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(b)	Andante Favori in F	BEETHOVEN
	Variations in F—Op. 34	BEETHOVEN
	Sonata in B flat—Op. 22 (First movement and Minuet and Trio)	BEETHOVEN
	Sonata in C (English Sonata)	HAYDN
(c)	Nocturne in E Major	CHOPIN
	Sonata in G Minor—Op. 22 (Slow movement and Scherzo)	SCHUMANN
	Two Intermezzos—Op. 118 (No. 1 in A Minor, No. 6 in E flat minor)	BRAHMS
(d)	April	JOHN IRELAND
	Nocturne from Miniature Suite in C	YORKE BOWEN
	Sonatina in G	J. B. MCEWEN

(e) A piece of candidate's own choice.

5. Questions will be asked on the general outlines of form shown in the pieces and also on the general outlines of musical history.

Candidates must be prepared to answer any advanced questions on rudiments of music.

(II) VIOLIN (No written examination)

1. *Scales.* Any major or minor scales (both forms), selected by the examiners in thirds, sixths, and octaves, one note to each bow, through two octaves. Also any of the ordinary scales through three octaves with various bowings Chromatic scale starting from F in the first position (D string) through two octaves.

2. *Arpeggios.* All major and minor chords throughout three octaves, and in octaves throughout two octaves. Dominant sevenths and diminished sevenths in all keys throughout three octaves.

3. *Reading at Sight.*

4. *Performance.* Candidates must perform any one Etude from each of the following composers:—Kreutzer, Fiorillo, Gavinies, and Rode, and also play one of the following:

Concerto No. 5 in A major (K. 219)	MOZART
Concerto in E minor	MENDELSSOHN
Sonata in F major (Op. 24)	BEETHOVEN

Sonata in G major (Op. 30 No. 3) — BEETHOVEN

Sonata in G major (Op. 78) — BRAHMS

5. *Questions.* Questions will be asked on the general outlines of form shown in the studies and pieces, and also a few on the general outlines of musical history.

Candidates must be prepared to answer any advanced questions on rudiments of music.

(III) VIOLONCELLO (No written examination)

1. *Scales.* Major, minor (both forms), and chromatic scales in all keys.

2. *Arpeggios.* All majors and minors (both forms). Dominant and diminished sevenths.

The candidate must be prepared to play the scales with various bowings.

3. *Reading at Sight.*

4. *Performance.* Candidates must be prepared to play one piece from any two of the following groups—two items in all:—

(a) Suite No. 1 — J. S. BACH

(b) Sonata in E minor (Op. 38) — BRAHMS
(1st and 2nd movements only) *or*
Sonata in F (Op. 99) — BRAHMS
(1st and 2nd movements only) *or*
Sonata in A major (Op. 69) — BEETHOVEN
(The whole)

(c) Also any two of the following pieces:—
Seven Variations on a Theme from "The Magic Flute" (Op. 66) — BEETHOVEN
Two Poems — HUGO ANSON
(Oxford University Press)
Slumber Song (arr. Harvey Grace) — BACH
(Oxford University Press)
Five Irish Folk Tunes — HOWARD FERGUSON
(Oxford University Press)

5. *Questions.* Questions will be asked on the general outlines of form shown in the pieces, and also a few on the general outlines of musical history.

Candidates must be prepared to answer any advanced questions on rudiments of music.

(IV) VIOLA (No written examination)

1. *Scales*
2. *Arpeggios*
3. *Reading at Sight*
4. *Performance*

See Violin requirements, page 2128

Candidates must perform any one Etude or Caprice from the following:

41 Caprices, Op. 22	CAMPAGNOLI
Etudes, Op. 35	DONT
Etudes, Op. 22	HERMANN
Etudes de Concert, Op. 18	HERMANN
42 Etudes	KREUTZER
Etudes 36, 44, 47, 49, 62	PALASCHKO
Caprices for Viola	RODE
Caprices for Viola	ROVELLI
15 Etudes for Viola	SITT

and also play one of the following:

Concerto, Op. 68	SITT
Concertstuck, Op. 19	SITT
3 Sonatas for Viola and Piano	J. S. BACH (arr. Succenski)
Concerto in B minor	HANDEL
Concerto in D major	P. E. BACH
Sonata for Viola and Piano	P. LYON
Conte de Fées, Op. 113	SCHUMANN

5. *Questions.* Questions will be asked on the general outlines of form shown in the studies and pieces, and also a few on the general outlines of musical history.

Candidates must be prepared to answer any advanced questions on rudiments of music.

(V) DOUBLE-BASS, HARP, AND WIND INSTRUMENTS

Requirements will be forwarded to candidates on application to the Secretary of the Conservatorium of Music.

(VI) ORGAN (No written examination)

1. *Scales.*
   (a) Manuals only (with both hands).
   (b) Pedals only.
   (c) One hand only with pedals, at varying degrees of speed and beginning with either the highest or lowest note.

   In the case of (a) and (c) contrary motion may be required.

2. *Arpeggios.*
   (a) For pedals through two 8ves; common chords, major and minor in keys of C, D, D flat, E flat, E, and F.
   (b) One hand and pedals combined, in contrary motion.

3. *Reading at Sight.*

4. *Transposition.* Of a short passage, a semitone or tone above or below.

5. *Performance.* One piece from each of the following groups.

   (a) Chaconne in E minor — BUXTEHUDE
   (Salabert, Paris)

   Fugue in A minor — FRESCOBALDI
   (Oxford University Press)

   Voluntary in D minor — ORLANDO GIBBONS
   (Novello)

   Diferencias — CABEZON
   (Schirmer)

   (b) Toccata in F — BACH
   (Novello Book 9)

   Passacaglia and Fugue in C minor — BACH
   (Novello Book 10)

   Prelude and Fugue in G major — BACH
   (Novello Book 8, page 112)

   Sonata No. 6 (First movement only) — BACH
   (Novello Book 5)

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(c) Sonata in C minor (Fugue only) JULIUS REUBKE
(Novello, edited by Ellingford)

Sonata in E flat (Scherzo only) BAIRSTOW
(Novello)

Wie schon leuchtet der Morgenstern, Op. 65 No. 44, *and* Lobe den Herren, O Meine Seele, Op. 65 No. 28
(E. B. Marks) KARG-ELERT

Sonata No. 1 (either of the two movements) pages 3-13, or 14-23 PAUL HINDEMITH
(Edition Schott)

6. *Questions.* Questions will be asked on the general outlines of form shown in the pieces, and also a few on the general outlines of musical history.

Candidates must be prepared to answer any advanced questions on rudiments of music.

(VII) SINGING (No written examination)

1. *Scales and Technical Exercises.* Major, minor, and chromatic scales at varying degrees of speed.

(For example, see Randegger's Singing Primer, pages 38, 41 and 48). Also any six of the technical exercises given on pages 161 to 169 of the same work, selected according to voice.

2. *Arpeggios.* See Randegger's Singing Primer, pages 102, 104 and 107.

3. *Reading at Sight.*

4. *Performance.* Studies.

Soprano or Tenor—Any two from No. 1 to No. 17, Fourth Series. Part I. 30 Solfeggios. VITTORIO RICCI

Alto or Bass—Any two from No. 1 to No. 17, Fourth Series. Part II. 30 Solfeggios. VITTORIO RICCI

Medium Voices—Any two from No. 1 to No. 17. Fourth Series. Part III. 30 Solfeggios. VITTORIO RICCI

The selection of the pieces to be rendered in this examination is left to the candidates, who must, however, choose music of the following character:—

(a) Two specimens of Recitative.

(b) Two arias from an Oratorio or Oratorios.
or
Two arias from an Opera or Operas.

(c) Two songs by any of the following composers:—PARRY, ELGAR, HENCHEL, STANFORD, SCOTT, IRELAND, ARMSTRONG, GIBBS, HOLST, VAUGHAN-WILLIAMS, DELIUS.

(d) Two songs by any of the following composers: — SCHUMANN, SCHUBERT, FRANZ, BRAHMS, LOEWE, WOLF, BALAKIREFF, GRIEG, HAHN, SIBELIUS, STRAUSS and FAURE.

(e) One specimen of Folk Song from "A selection of Collected Folk Songs," C. SHARP and VAUGHAN-WILLIAMS (Novello).
(To be sung unaccompanied.)

N.B.—The selection made will be taken as an indication of the candidate's taste.

5. *Questions.* Questions may be asked as to the style of the pieces selected and the modulations or keys through which the music passes, etc.

Questions may be asked on the more advanced rudiments of music, the general knowledge of repertoire, and on physiology of the voice.

THIRD EXAMINATION (Final)

The requirements for candidates whose chief study is either Pianoforte or Violin, or Violoncello, or Organ, or Singing, are found under separate headings, numbered (i) to (vi). There is no written examination.

(I) PIANOFORTE

1. *Sight Reading Test.*

2. *Questions.* Questions will be asked on musical history from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge.

3. *Performance.* (All pieces must be played from memory.) One of the specified items from each group to be prepared:

(a)
Prelude and Fugue in F sharp major	Book I	BACH
Prelude and Fugue in C sharp major	Book I	BACH
Prelude and Fugue in A flat major	Book II	BACH
Prelude and Fugue in D sharp minor	Book II	BACH
Prelude and Fugue in C sharp minor	Book II	BACH
French Suites Nos. 4, 5 or 6		BACH
Chromatic Fantasia and Fugue		BACH

(b) Any *two* of the following

Etudes: Op. 10, Nos. 1, 2, 7, 8	CHOPIN
Op. 25, Nos. 6, 8, 10, 11	CHOPIN

(c)	Concerto No. 5, Op. 73 Sonata in E, Op. 109 Sonata in E flat, Op. 81a	BEETHOVEN
	Sonata in B minor, Op. 58	CHOPIN
	Sonata in G minor, Op. 22	SCHUMANN
(d)	Variations on "O Mistress Mine" (Novello)	BYRD
	Variations in A (Omitting variations 4, 5, 12)	GLAZOUNOV
	Ballade in D major, Op. 10, No. 2	BRAHMS
	Scherzo in E flat minor	BRAHMS
	Etudes Symphoniques (Theme and any three Etudes)	SCHUMANN
(e)	Reflets dans l'eau	DEBUSSY
	L'Isle Joyeuse	DEBUSSY
	Poissons d'Or	DEBUSSY
	Bourrée Fantasque (Enoch & Sons)	CHABRIER
	Ondine	RAVEL
	Sonatine	RAVEL
	Rhapsody	JOHN IRELAND
	A Reel, No. 4 of Four Irish Dances (Stainer & Bell)	STANFORD-GRAINGER
(f)	A piece of the candidate's own choice.	

SPECIAL NOTE:—In place of a selection from sections (d) and (e) the candidates may present César Franck's Prelude, Choral and Fugue.

4. *Examination in Second Study.* Certificates gained in any of the three higher grades of the local practical examinations exempt candidates from this test, whether the subject chosen is Organ or Violin, or Violoncello, Singing or Wind Instrument.

(II) VIOLIN

1. *Sight Reading Test.*

2. *Questions.* Questions will be asked on Musical History from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge.

3. *Performance.* (All pieces to be played from memory.) One piece to be selected from each of the following groups:—

(a) Chaconne	BACH
Sonata in G minor	BACH
(For violin alone, Prelude and Fugue only.)	
(b) Sonata in C minor, Op. 30, No. 2	BEETHOVEN
Sonata	DEBUSSY
Sonata	RAVEL
Sonata in A	CESAR FRANCK
Sonata in A minor	JOHN IRELAND
(Winthrop Rogers)	
(c) Concerto (1st two movements)	BEETHOVEN
Concerto (first movement)	ELGAR
Concerto in D minor (first two movements)	MAX BRUCH
Concerto No. 4 in D major	MOZART
(First two movements: Joachim's Cadenza)	
Concerto in A minor, Op. 73	GLAZOUNOV
First *or* second movement	
(d) Spanish Suite: / Suite Espagnole	NIN
Nigun—Improvisation	ERNEST BLOCH
La Fontaine d'Arethuse	SZYMANOWSKI
Variations	JOACHIM

4. *Examination in Second Study* (which must be the Pianoforte). Certificates gained in any one of the three highest grades of the local practical examinations in pianoforte exempt candidates from this test.

(III) VIOLONCELLO

1. *Reading at Sight.*

2. *Questions.* Questions will be asked on Musical History from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge.

3. *Performance.* (All pieces to be played from memory.) Any three of the following:—

Sonata in F Major (Op. 99)	BRAHMS
(Last movement)	
Sonata in E minor (Op. 38)	BRAHMS
(Last movement)	
Concerto (Op. 85) (First Movement)	ELGAR
Sonata (Last Movement)	DELIUS
Concerto in B minor (Op. 104) (First Movement)	DVORAK

4. *Examination in Second Study* (which must be the Pianoforte). Certificates gained in any one of the three highest grades of the local practical examinations exempt candidates from this test.

(IV) VIOLA

1. *Reading at Sight.*

2. *Questions.* Questions will be asked on Musical History from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge.

3. *Performance.* (All pieces to be played from memory.) One piece to be selected from each of the following groups:

(a) Concerto in D major, Op. 107	MOZART
Chaconne	VITALI
6 Suites	J. S. BACH (arr. Succenski)
(b) Ballade	WEINER
Jagostuck, Op. 36 No. 20	PALSACHKO
Morceau de Concert	HUBAY
(c) Sonata, Op. 120 Nos. 1 and 2	BRAHMS
Suite No. 48	JONGEN
Romance, Op. 83	M. BRUCH
Suite for Viola	VAUGHAN WILLIAMS
Suite for Viola	BLOCH
(d) Sonata, Op. 11 No. 4	HINDEMITH
Sonata, Op. 11 No. 5	HINDEMITH
Sonata, Op. 25 No. 1	HINDEMITH
Catalane	BUSSER
Viola Concerto	SANSMANN
Viola Concerto	ARENSKY
Viola Concerto	JACOB

4. *Examination in Second Study* (which must be Pianoforte). Certificates gained in any one of the three highest grades of the local practical examinations exempt candidates from this test.

(V) DOUBLE-BASS, HARP, AND WIND INSTRUMENTS (See page 2131)

(VI) ORGAN

1. *Transposition and Modulation Tests.* The transposition of a passage into another key not exceeding a third above or below. Modulation—Candidates are advised to make their modulation musically and not only mathematically correct.

2. *Sight Reading Test.*

3. *Questions.* Questions will be asked on Musical History from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge.

4. *Performance.* Of one piece from each of the following lists:—

(a) Prelude and Fugue in G Major (Book VII Novello)	BACH
Prelude and Fugue in E flat major (Book VI, Vol. II Novello)	BACH
Fantasia and Fugue in G minor (Novello VIII or Peters)	BACH
Prelude and Fugue in C minor (Oxford University Press)	VAUGHAN WILLIAMS
(b) Sonata in E minor No. 8 (Op. 132) (Novello)	RHEINBERGER
Sonata in C sharp minor (Schott)	HARWOOD
Sonata Britannica No. 3 Op. 152 (Stainer & Bell)	STANFORD
Sonata in G major Op. 28 (Breitkopf & Hartel)	ELGAR
Sonata in G minor Op. 28 (Peters)	PIUTTI
(c) Dithyramb	HARWOOD
Toccatina on "Corde Natus" (Augener)	EAGLEFIELD HULL
Concert Fantasia on "Hanover" (Novello)	E. LEMARE
Vorspiel and Liebestod (arr. J. E. West) (Novello)	WAGNER
Choral in E	FRANCK
Choral in B minor (Peters or Durand)	FRANCK
Introduction and Passacaglia (Oxford University Press)	ALCOCK

5. *Short Extemporization on a Given Theme.*

6. *Examination in Second Study.* Certificates gained in any one of the three highest grades of the local practical examinations exempt candidates from this test, whether the subject chosen is either Pianoforte, or Violin, or Violoncello, Singing, or Wind Instrument.

(VII) SINGING

1. *Performance.* (All studies and works submitted must be sung from memory.)

(a) Studies:

Soprano or Tenor—Any two from No. 18 to the end of the Fourth Series, Part I, of 30 Solfeggios. VITTORIO RICCI

Alto or Bass—Any two from No. 18 to the end of the Fourth Series, Part II, of 30 Solfeggios. VITTORIO RICCI

Medium Voices—Any two from No. 18 to the end of the Fourth Series, Part III, of 30 Solfeggios. VITTORIO RICCI

(b) The principal solo work from an opera or oratorio.

(c) Not less than three songs in various languages to exemplify proficiency in diction.

2. *Sight Reading Test.*

3. *Questions* on Musical History from the 16th century to the present day, form as shown in the works presented as well as general musical knowledge, and questions on physiology of the voice.

4. *Chief Study.* The studies by Vittorio Ricci must be prepared by all candidates, but as types of voices and capabilities of vocalists differ so much, it is impossible to specify satisfactorily other work on which any individual candidate will be examined. The Examination Board is prepared to accept in the Final Examination any works on which a correct judgment can be formed as to whether the candidate shall, after examination, be awarded the Diploma:—

(a) As soloist for Concert Work only.

(b) As soloist for Light Opera.

(c) As soloist for Grand Opera.

(d) As soloist for Oratorio.

(e) As soloist for a combination of any of these.

Candidates must submit to the Board of Examiners, through the Secretary, a list of works which they propose to present for the Final Examination.

5. *Second Study* (which must be the Pianoforte). Certificates gained in any one of the three highest grades (i.e. Intermediate, Senior, or Highest), of the local practical examinations for Pianoforte exempt candidates from this test.

The ability of candidates to play their own accompaniments on the pianoforte to the vocal work prepared by them for the examination, together with the reading of a song accompaniment at first sight, will be accepted as second study.

LICENTIATE CLASS C—PROFESSIONAL INSTRUCTOR (THEORY AND PRACTICE)

FIRST EXAMINATION (Piano)

NOTE:—No student may proceed to the higher examination until he has completed all the requirements of the lower.

(Partly written and partly viva voce)

Candidates are required to pass the Highest Grade of the Local Centre examinations in Theory. (See page 2158.)

Chief subject:

Candidates will be expected to show sufficient executive ability to perform the technical work, studies and pieces contained in the list for the current year's local examination in the Highest Grade. (Total exemption from this examination can be claimed if candidates can produce certificates of having previously passed the Highest Grade, theoretical, and the Highest Grade, practical, of the local examinations.)

N.B.—Sight reading tests and ear tests will be given in each part of this examination.

SECOND EXAMINATION (Semi-Final)

NOTE:—No student may proceed to the higher examination until he has completed all the requirements of the lower.

(Partly written and partly viva voce)

1. Harmony in three and four parts up to chords of the 9th, including suspensions and use of passing notes.

2. Strict Counterpoint in three parts, answers to fugue subjects.

3. Musical History 1600-1900.

4. The principles of Elementary Form and Analysis.

5. Chief study, (numbered (i) to (vi) below).

(I) PIANOFORTE

For Scales, Arpeggios, reading at sight and transposition the requirements are the same as those for performer. (See pages 2127 and 2128.)

Performance:

Bourrees in A Minor and A major
from English Suite in A minor — BACH

or

Prelude and Fugue in D major Book I — BACH

and all of the following:

Sonata in E flat, Op. 27, No. 1, 1st movement — BEETHOVEN

Intermezzo in B flat, Op. 76 — BRAHMS

Rosemary (Boosey & Hawkes) — FRANK BRIDGE

Viva voce:

Questions will take the following form:—

(1) On the position and action of hands, arms, and fingers and on the use of the pedal.

(2) On the teaching of scales (in single notes) and arpeggios. N.B. In Nos. 1 and 2 no arbitrary or doctrinal opinion will be held by the examiners. Any good method will be acceptable.

(3) To finger certain technical passages presented by the examiner to the candidate.

(4) Questions will be asked on the general outlines of form shown in the pieces and on the contents of "The Growth of Music"—Part 3, by H. C. Colles, published by the Oxford University Press.

[For (ii) to (vi), Violin, Violin, Violoncello, Singing, Organ, etc., the requirements are those of the Semi-Final Performer.]

N.B.—Outline of questions likely to be asked in connection with Violin, Violoncello, Singing and Organ may be obtained from the Secretary of the Conservatorium.

6. Second study.

The requirements are similar to those of the Senior Grade of the local examination.

If the candidate's chief study is Singing, Pianoforte Accompaniment will be accepted as second subject.

THIRD EXAMINATION (Final)

NOTE:—No student may proceed to the higher examination until he has completed all the requirements of the lower.

Part I—Written Examination

1. Harmony in not more than four parts. (Choral and Instrumental.)
2. Counterpoint (strict and free) in not more than four parts.
3. Fugal Exposition in three parts.
4. History of Music from earliest times to A.D. 1600.
5. Form and Analysis.
6. A paper on elementary Physiology of the Voice or on Acoustics.
7. A paper on the Art of Teaching of the candidate's chief subject.

Special Note.—This paper will consist of *set questions* based on the following:—

Candidates will be required to give names of Studies and Pieces with their Composers from classical or standard work, of different degrees of difficulty suitable for special purposes.

To answer questions on method and procedure in teaching.

To finger and phrase given passages, give breathing indications, etc.

Questions on Rhythm, Technique.

To give outlines of work for specific periods of study.

Memorization and Appreciation.

To show such general knowledge, both musical and technical, as might be expected of a reasonably equipped music teacher.

Part II—Viva Voce

Requirements will be found under separate headings, numbered (i) to (vi), corresponding to the candidate's chief subject.

(I) PIANOFORTE

1. (a) To answer questions on the teaching of double notes scales (3rds and 6ths) and double octaves, legato and staccato.

   (b) To answer questions on:—

   Production of tone
   Phrasing
   The playing of ornaments
   Interpretation
   Use of the pedals

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(c) To finger certain technical passages presented by the examiner to the candidate.

(d) To show an adequate knowledge of pianistic literature.

(Questions here will embrace the works of Bach, Beethoven, Chopin, Schumann, Brahms, Debussy and Ravel.)

N.B.—Books recommended for reading "Technique and Expression" Franklin Taylor (Novello), and "Musical Interpretation" Tobias Matthay.

The History of Pianoforte Music (Westerby) and the various volumes of "The Pilgrim Series" (Oxford University Press).

In addition, students are recommended to take the following Course—which is, however, not obligatory.

PIANOFORTE TEACHERS' TRAINING COURSE

1. How does the piano behave? What is therefore the proper approach?
2. Phrasing—the Essence of Interpretation.
3. Habit Forming.
4. Memory as a means to proper practice.
5. Is it possible to overcome nervousness?
6. Are scales and arpeggios waste of time?
7. Is reading at sight a gift? The value of a knowledge of harmony.
8. What music should we give our students?
9. Are examinations necessary?
10. When is one ready to perform at students' concerts?

2. Candidates must be prepared to play the following:—

(a) Suite No. 2 in F (Tonmeister Ed.) — HANDEL

or

French Suite No. 1 in D minor — BACH

or

Prelude and Fugue in A minor (Book 1) — BACH

(b) Sonata No. 23 in C (The English) (Augener) — HAYDN

or

Sonatas—Op. 28 (in D major), or
Op. 31 (in E flat), or
Op. 78 (in F sharp major) — BEETHOVEN

Sonata in E minor Op. 7 — GRIEG

(c) Capriccio—Op. 76 No. 1, Op. 76 No. 2, Op. 76 No. 8 } Any two — BRAHMS

or

Fantaisies Op. 116 (any two) — BRAHMS

or

Ballade Op. 118 No. 3 (G minor) — BRAHMS

or

Intermezzo Op. 119 No. 2 — BRAHMS

(These are all in the Brahms volume Book 2 published by Peters.)

(d) Christmas Pastoral (transcribed by Clarence Lucas) (Oxford University Press) — BACH

and one of the following:

Nocturne No. 5 in F sharp, Nocturne No. 18 in E } — CHOPIN

Zigeuner-Novelle Op. 38 No. 3 — POLDINI

The Scarlet Ceremonies (from "Decorations") (Augener) — JOHN IRELAND

Variations on a Lettish Theme Op. 6 — JOHN WIHTOL

(e) A piece of the candidate's own choice by a modern English, French or Russian Composer.

3. Sight Reading Test.

(II) VIOLIN

1. To demonstrate method of finger-training and bowing, posture and fingering, also to finger and bow certain passages, if required.

2. Should the Examiner desire it, the candidate must be prepared to give a student (who is not a pupil of the candidate) a specimen lesson, correcting, if necessary, any errors in bowing, intonation, posture, fingering, etc., and to answer questions and offer suggestions on the work after the student has retired.

3. To differentiate between mechanical and aesthetic expression.

4. To show ability to accompany on the pianoforte.

5. Candidates must be prepared to play any two Studies chosen by themselves from each of the following:—KREUTZER, FIORELLO, RODE, ROVELLI and GAVINES.

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6. Performance.
   (a) Any of the ten
   Sonatas for Violin and Pianoforte — BEETHOVEN
   or Sonata in A minor (Op. 105) — SCHUMANN
   or Sonata in A (Op. 100) — BRAHMS
   (b) Any one of the following Concertos may be selected by the candidate—
   BEETHOVEN, MENDELSSOHN, ERNST in F sharp minor, PAGANINI, VIEUXTEMPS, TSCHAIKOWSKY, SAINT-SAENS in B minor, BRAHMS, ELGAR, WIENIAWSKI, BRUCH, LALO.
   (c) Romance in E minor — SINDING
   or
   Havannaise — SAINT-SAENS
   or
   Rhapsodie Piedmontese — SINAGAGLIA
7. Sight Reading Test.

(III) VIOLONCELLO

See under Violin for requirements 1, 2, 3, 4, and 7.

Candidates must be prepared to play—

5. Nos. 11, 16 and 20 Studies — DUPORT
   And any two Studies — DOTZAUER
   (From 24 Daily Studies)
6. Any one of the five Sonatas (selected by the candidate) — BEETHOVEN
   To show a general knowledge of the Six Suites — J. S. BACH
   Symphonic Variations — BOELLMAN
   Romance — WAGNER-POPPER

(IV) VIOLA, DOUBLE-BASS, HARP, AND WIND INSTRUMENTS (See page 2131)

(V) ORGAN

1. To demonstrate method of instruction for overcoming difficulties in pedal technique, clear part playing, independence of hands and feet, position of body, stop management, etc.
2. To answer questions as to the causes of difference of tone between the various stops.
3. To explain the principles of pedalling and mark passages submitted to candidates for that purpose.
4. To be prepared to play one of the following groups and one piece of his own choice—
   (a) Sonata No. 2 in C minor — BACH
   (Book IV Novello)

Chorale in A minor — FRANCK

Psalm Prelude No. 1 (Novello) — HOWELLS

(b) Sonata No. 5 in C major (Book V Novello) — BACH

Prelude on Jesu, meine Freude—(Op. 65—No. 38) — KARG-ELERT

Largo Sostenuto (from A Sea Symphony) — VAUGHAN WILLIAMS

(c) Chorale Prelude—Herr Jesu Christ, dich zu uns wend — BACH

Sonata No. 1 — MENDELSSOHN

Prelude on Vexilla Regis (Augener) — BAIRSTOW

5. Sight Reading Test.

6. To extemporize and transpose.

(VI) SINGING

1. To demonstrate by means of a lesson conducted before the examiners the teaching of proper methods of breathing, tone, attack, evenness of tone, intonation, expression, overcoming of awkward breaks, resonance, facial expression, and posture.

2. To read (at the pianoforte) a simple accompaniment at sight, and also transpose within the limits of a major second above or below.

3. In passages given by the examiner, to phrase or insert breath marks.

4. Candidates must be prepared to give illustrations of Recitative, Solo singing in Opera and Oratorio, and to sing one song of any one composer in each of the following three groups:—

   (a) BACH, HANDEL, MOZART, BEETHOVEN, SCHUBERT, SCHUMANN, FRANZ, BRAHMS, LOEWE, WOLF, STRAUSS.

   (b) PARRY, ELGAR, DELIUS, HOLST, VAUGHAN-WILLIAMS, PETER WARLOCK, DUNHILL, QUILTER.

   (c) DEBUSSY, RAVEL, MILHAUD, POULENC.

   (d) Any Folk Song from "A Selection of Collected Folk Songs" arr. by C. SHARP and VAUGHAN-WILLIAMS (Novello) (to be sung unaccompanied).

5. Sight Reading Test (Vocal).

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LICENTIATE IN MUSIC—CLASS D (SCHOOL TEACHER)

Prerequisite for the course leading to this Diploma to be completion of all the requirements for Diploma of Associate—Class C.

1. EDUCATION:
   - (*a*) Music methods and materials for High School Grades—vocal *or* instrumental.
   - (*b*) Appreciation methods and materials for High School Grades.
   - (*c*) A minimum of twenty-five hours observation and practice teaching under supervision.

2. APPLIED MUSIC:
   - (*a*) Singing (Semi-final Licentiate Class B—Performer)
     or
     Solo instrument—string, reed or brass (Semi-final Licentiate Class B—Performer).
   - (*b*) Sight reading, transposition and improvisation at the keyboard.
   - (*c*) Choral *or* instrumental conducting for high school grades.
   - (*d*) Part and sight singing (vocalists only).
   - (*e*) Aural training.

3. THEORETICAL:
   - (*a*) Harmony (Highest Grade).
   - (*b*) Strict counterpoint—all species in three parts.
   - (*c*) Arranging for voices *or* instrumental groups.

Note: Marks of seventy per cent or more are required in harmony, strict counterpoint and arranging.

   - (*d*) History of music from earliest times to 1600.
   - (*e*) Form and analysis.

DIPLOMA OF ASSOCIATE IN MUSIC

(For Fees, see page 2157)

There are three classes of this Diploma.

Class A—Practical subject as performer.

Class B—Professional instructor.

Class C—School teacher.

The requirements are:—

CLASS A (PERFORMER)

Practical—Semi-final Licentiate (Performers' Class) (see pages 2127 to 2139.

Theoretical: Senior Grade Local Centre Examinations (see page 2159).

CLASS B (PROFESSIONAL INSTRUCTOR)

Practical: Highest Grade Local Centre Examinations (see pages 2160 and 2161).

Theoretical: Highest Grade Local Centre Examinations (see page 2158).

In addition questions on teaching will be asked.

CLASS C (SCHOOL TEACHER)

FIRST YEAR

Prerequisites:

(*a*) Rudiments of Music (Junior Grade). A mark of seventy per cent or more is required.

(*b*) Pianoforte (Primary Grade).

(*c*) High School Leaving or equivalent standing.

Note A: No student may proceed to the higher examination until he has completed all the requirements of the lower.

Note B: Candidates may qualify either as vocal *or* instrumental specialists. See alternative requirements listed below.

Note C: Courses marked with an asterisk—students are permitted to attend the regular University classes in these subjects.

Note D: Graduates of normal schools are exempt from the requirements headed "academic" and "education", provided that these subjects were included in their training and that a pass grade was obtained.

1. ACADEMIC:

*English. (Grade XII or 1st year University.)

2. EDUCATION:

*(*a*) Psychology.

*(*b*) School Management and Law.

(*c*) Music methods and materials for grades 1-3.

(*d*) A minimum of twenty-five hours observation and practice teaching under supervision.

3. APPLIED MUSIC:

(*a*) Pianoforte (Elementary Grade).

(*b*) Singing (Senior Grade)

or

Solo instrument—string, reed or brass (Senior Grade).

(*c*) Sight reading, transposition and improvisation at the keyboard.

(*d*) Sight singing (for vocalists only).

(*e*) Aural Training.

4. THEORETICAL:

(*a*) Harmony (Intermediate Grade).

(*b*) Strict Counterpoint in two parts—first and second species only.

Note: Marks of seventy per cent or over are required in harmony and counterpoint.

(*c*) Outlines of Music History (Highest Grade).

(*d*) Form and Analysis (Highest Grade).

SECOND YEAR

See Notes A, B, C, and D for First Year Course.

1. ACADEMIC:

*English Composition (Grade XII or 1st year University).

2. EDUCATION:

*(*a*) Education Psychology.

(*b*) Vocal methods and materials for grades 4-7.

or

Instrumental methods and materials for Elementary Grades.

(*c*) Music appreciation methods and materials for Elementary Grades.

(*d*) A minimum of 25 hours observation and practice teaching under supervision.

3. APPLIED MUSIC:

(*a*) Pianoforte (Junior Grade).

(*b*) Singing (Highest Grade),

or

Solo instrument—string, reed or brass (Highest Grade).

(*c*) Sight reading, transposition and improvisation at the keyboard.

(*d*) Part singing (Vocalists only).

(*e*) Aural Training.

(*f*) Choral *or* Instrumental conducting for Elementary Grades.

4. THEORETICAL:

(*a*) Harmony (Senior Grade).

(*b*) Strict counterpoint in two parts—all species.

Note: Marks of seventy per cent or more are required in harmony and counterpoint.

(*c*) Musical history—1600-1900.

(*d*) Principles of Form and Analysis.

CHAMBER OPERA DEPARTMENT

As a Second Subject for Diploma Requirements the following courses may be taken.

COURSES IN THE THEATRICAL REQUIREMENTS FOR OPERATIC PRESENTATION

In addition to providing stage training for vocal students these courses are designed to instruct students who are not singers in the requirements of operatic stage direction and production.

Note: Courses 1 and 2 may be taken concurrently.

1. BASIC STAGE TECHNIQUE

Students will receive class instruction in movement, gesture, elocution, and interpretation of dialogue, and will take part in a suitable capacity in the production of a Ballad Opera.

Examination: One written paper on acting techniques. Candidates will also be graded on their practical class work during the session.

2. STAGE TECHNIQUE: DIRECTION AND PRODUCTION

Lecture classes will include the study and preparation for performance of short works representative of various styles, i.e., Classic Opera—Buffa —Ballad—Light, etc.

Students will be required to assist in the preparation of the production in Course 1.

Examination: One written paper on direction and production.

Viva Voce. Candidates will be required to answer questions on acting styles and direction, demonstrating where necessary.

On the completion of courses 1 and 2 the student may proceed to a specialized course in acting, direction, or production.

LOCAL CENTRE EXAMINATIONS IN MUSIC

(For Centres with Hon. Local Representatives, see pages 2153 to 2157).

Recognizing the necessity of helping to raise the standard of musical education in Canada, and at the same time to bring the influence of competent examiners to bear upon instruction, McGill University holds local examinations throughout the Dominion. In view of the fact that it grants Degrees in Music and Diplomas of Associate and Licentiate in Music, the University extends its field of work by means of these local examinations, which are preparatory to those for Degrees and Diplomas.

The Examiners are appointed by the Board of Governors of the University, the Chairman of the Examining Board being Professor Douglas Clarke, Dean of the Faculty of Music and Director of the Conservatorium.

GENERAL REGULATIONS

1. All fees must be paid in advance direct to the Secretary of McGill University Conservatorium of Music who will supply forms of entry. These can also be obtained from the local hon. representatives or local hon. secretaries. (See page 2153 to 2157).

2. A local representative of McGill University will supervise the conduct of the theoretical examination at each centre. All papers will be sent to McGill University itself.

3. Every certificate gained by candidates in any of the public examinations will bear the imprimatur of McGill University.

4. The Principal of a school may arrange with the Secretary to send an examiner to report on the musical education gained at the school. No individual certificates will be awarded in this case, but merely a collective detailed report drawn up by the examiner and sent to the Principal of the school. (See page 2200.)

5. Similar arrangements may be made with regard to Class Singing. (See page 2200.)

6. In case of a candidate being prevented by serious illness from attending any examination, the Secretary is authorized, on receipt of a medical certificate, to transfer a candidate to the next examination without further fee.

7. Examinations will be arranged by the Secretary when required and new centres formed.

ADVICE TO TEACHERS AND CANDIDATES

1. Candidates are advised not to attempt too high a grade when first entering for the local examinations, which are arranged in a systematic course of progressive grades, beginning with the Preparatory grade and leading on through the Diploma examinations for Associate and Licentiate of Music to that for the Degree of Mus.B.

2. Teachers as well as candidates are urged to regard the particular studies and pieces selected for examination in any one grade as indicating the degree of difficulty, and not to confine their attention for a whole year to the preparation of two or three examination pieces.

3. In preparation, teachers and pupils should use music of a lower grade at the beginning of the winter, and should not begin too early with the actual pieces selected for examination at the end of the session. Lack of interest often ensues from the monotony entailed by candidates concentrating their whole attention on the examination book for too long a period.

REGULATIONS FOR LOCAL CENTRE EXAMINATIONS FOR CERTIFICATES

1. Theory examinations are held throughout the Dominion about May 1st. No definite date is assigned but the examinations will be held during the first week in May. Due notice will be given to the Local Hon. Secretaries. Candidates wishing to take an examination in a practical subject in the same year as the theoretical examination, if unsuccessful in the latter, can still proceed to the practical examination, and if they satisfy the examiner or examiners in this, they must present themselves at a supplemental theoretical examination held later in the same year, which, if they pass, entitles them to receive the certificate for the practical examination. A special charge for this supplemental examination is found under fees on page 2157.

2. Practical examinations are held during May, June, and July.

3. For both theoretical and practical local examinations, forms of application, duly filled in by the candidate, and accompanied by the examination fee, *must reach the Secretary in Montreal on or before April 1st.*

4. Certificates will be awarded to successful candidates in both theoretical and practical subjects.

5. These certificates do not entitle the holders to append any letters to their names.

6. The maximum number of marks in each practical and theoretical subject is 100 of which 60-69 is "Pass", 70-79 "Honours"; 80-89 "Distinction, 90-94 "High Distinction", 95-100 "Very High Distinction".

In the event of a candidate obtaining a bare pass or a mark lower than 65, consideration should be given as to the advisability of further study before proceeding to the work of the next grade.

7. No special text-books are prescribed for theoretical examinations, and no particular method or style is specified for practical examinations. For the convenience of teachers and candidates the University publishes, in separate books for each grade, the studies and pieces required for the Pianoforte Examinations, which can be obtained direct from the General Secretary or from various local music dealers.

8. Candidates presenting a study or piece not prescribed by the current syllabus, run a risk of being disqualified. Only the grade books for the current year shall be used for examination work.

9. Candidates entering for practical subjects must, in all grades except the three last (Elementary, Primary and Preparatory), work a theory paper of the preceding lower grade before the practical certificate will be released.

10. Only one candidate at a time is allowed to be in the examination room for practical examinations.

11. The accompanist for all examinations, where one is needed, is allowed to be in the examination room only so long as he is accompanying.

12. The examiner's decision is final, and cannot be reconsidered.

13. The possession of certain certificates granted by other institutions may except the holder from the necessity of taking the Theoretical part of the Local Examinations. In making application for exemption

the holder of such certificates must give explicit information to the General Secretary at least one month before the date of the examination, and be prepared to produce the original certificate, if required.

14. The possession of certain certificates gained in the Local Examinations will entitle the holders to claim exemption from certain parts of the examinations for the Diplomas of Associate and Licentiate in Music. should they at a later date decide to proceed to the higher examinations for those diplomas.

LOCAL CENTRES

The following places have been adopted as centres for public examinations in Music; others will be added as necessity requires, but in all cases the establishment of a centre depends upon a sufficient number of candidates applying. All examinations for Certificates in the Local Grades, as well as some of those for Degrees and Diplomas, are held at these centres:

AMHERST	*Hon. Representative:* The Rev. H. C. Olsen. *Hon. Secretary:* Mrs. Geo. R. Shiers, 35 Robie St.
ASSINIBOIA	*Hon. Representative:* The Superintendent of Schools.
AYLMER	*Hon. Secretary:* Rev. C. H. Dawes, B.A., B.D., Box 45A.
AYLSHAM	*Hon. Representative:* B. Dressler, Esq., Principal of the High School. *Hon. Secretary:* Mrs. R. S. Valleau, Moose Range, Sask.
BRANDON	*Hon. Representative:* Principal of Brandon College Institute.
BROCKVILLE	*Hon. Representative:* Rev. Stanley Kerrison, Frankville, Ont. *Hon. Secretary:* _____
CALGARY	*Hon. Representative:* A. Calhoun, Esq., City Librarian, Public Library.
CAMPBELLTON	*Hon. Secretary:* Miss Laura Alford.
CAMPBELL'S BAY	*Hon. Representative:* Rev. J. L. Enright. *Hon. Secretary:* Sister Philippe, St. Joseph's Convent.

CHAPEAU	*Hon. Representative:* Rev. Dean J. Kimpton, St. Joseph's Convent. *Hon. Secretary:* St. Joseph's Convent.
CHARLOTTETOWN	*Hon. Representative:* H. H. Shaw, Esq., B.Sc. *Hon. Secretary:* Miss E. Lillian McKenzie, Mus.B. (McGill), 235 Euston Street.
COOKSHIRE	*Hon. Representative:* ——— *Hon. Secretary:* Miss E. J. Ball.
CRANBROOK	*Hon. Representative:* Principal of the High School. *Hon. Secretary:* Mrs. D. Finlayson.
EDMONTON	*Hon. Representative:* Dean Robert Hardy, University of Alberta. *Hon. Secretary:* Mrs. O. J. Walker, L.Mus. (McGill), 11103 Saskatchewan Drive.
FERNIE	*Hon. Representative:* Sydney Crookes, Esq. *Hon. Secretary:* Miss S. E. West.
FORT QU'APPELLE	*Hon. Representative:* W. H. Thompson, Esq.
FREDERICTON	*Hon. Representative:* The Very Reverend Spencer C. Gray, The Deanery. *Hon. Secretary:* W. J. Smith, Esq., A.R.C.O., 679 Churchill Row.
GLACE BAY	*Hon. Representative:* ——— *Hon. Secretary:* Mrs. F. Ferguson, 7 Catherine St.
GLADSTONE	*Hon. Representative:* Dr. E. H. Whelpley. *Hon. Secretary:* David B. McHardy, Esq., 200 Manderville St., Winnipeg.
GRANBY	*Hon. Representative:* Dr. G. A. Runnells, 35 Dufferin Street. *Hon. Secretary:* ———
HALIFAX	*Hon. Representative:* The Rev. S. H. Prince, University of King's College. *Hon. Secretary:* Miss Shirley Hoyt, 3 College St.
INDIAN HEAD	*Hon. Representative:* Dr. F. W. Hart.

KAMLOOPS — *Hon. Representative:* Mr. P. H. McCurrach, B.A.

KENTVILLE — *Hon. Representative:* The Rev. W. Fraser Munro.
Hon. Secretary: _____

KERROBERT — *Hon. Representative:* R. L. Hanbidge, Esq., K.C.
Hon. Secretary: Miss Gladys Nault.

KIMBERLEY — *Hon. Secretary:* Mrs. T. A. Martin.

LETHBRIDGE — *Hon. Representative:* A. J. Watson, Esq., Supt. of Schools, Central School.
Hon. Secretary: Miss Jennie King, Coaldale, Alta.

LIVERPOOL — *Hon. Representative:* The Rev. J. M. C. Wilson.
Hon. Secretary: Miss Evelyn Rieser, L.Mus., (McGill)

MAXVILLE — *Hon. Secretary:* Miss Netta McEwen, Box 294.

MELFORT — *Hon. Representative:* J. N. Gale, Esq., P.O Box 280.
Hon. Secretary: _____

MONCTON — *Hon. Representative:* The Rev. J. A. Ramsay, D.D., The Manse, Alma St.
Hon. Secretary: Miss Marion Murray, 185 Mountain Road.

MOOSE JAW — *Hon. Representative:* S. R. Stephens, Esq., City Librarian, Public Library.
Hon. Secretary: Academy of Sion.

NELSON — *Hon. Representative:* H. E. Dill, Esq., 418 Mill St.

NEW GLASGOW — *Hon. Representative:* W. E. Crummey, High School, Stellarton.
Hon. Secretary: L. N. Miller, Esq., L.Mus., (McGill).

OTTAWA — *Hon. Representative:* _____
Hon. Secretary: Miss L. Barrigar, L.Mus., (McGill), 173 Cooper St.

PETERBORO — *Hon. Representative:* John T. Donaldson, Esq., 223 Crescent St.
Hon. Secretary: F. G. Mann, Esq., 199 London St.

PICTOU ACADEMY	*Hon. Representative:* G. W. MacKenzie, M.A., B.Paed. *Hon. Secretary:* Miss Eva Skinner.
PLATTSBURG SARANAC LAKE OGDENSBURG CHAZY	*Hon. Representative:* J. A. McHattie, Esq., Plattsburg.
MALONE	*Hon. Secretary:* Miss Isabelle Douville, 117 East Main Street.
QUEBEC	*Hon. Representative:* Rev. S. Radley-Walters, L.S.T., St. Peter's Church. *Hon Secretary:* Miss Edith Latter, L.Mus. (McGill), 217 Ninth St., Limoilou, P.Q.
REGINA	*Hon. Representative:* Regina Conservatory of Music. *Hon. Secretary:* Mrs. R. H. Johnston, L.Mus., (McGill), Darke Hall.
REVELSTOKE	*Hon. Representative:* A. E. Miller, Esq., Box 129. *Hon. Secretary:* Miss Sheila Dickey, Box 132.
RIVER JOHN	*Hon. Secretary:* Mrs. Harold Lisson.
ROTHESAY	*Hon. Secretary:* Miss A. V. Davidson, L.Mus. (McGill).
ST. JOHN	*Hon. Representative:* Rev. A. E. Coleman, B.A., 50 Orange Street. *Hon. Secretary:* _____
SASKATOON	*Hon. Representative:* W. A. Gilchrist, Esq., Canada Bldg. *Hon. Secretary:* _____
SHERBROOKE	*Hon. Representative:* _____ *Hon. Secretary:* Wright W. Gibson, Esq., M.A., High School.
STELLARTON	*Hon. Representative:* W. E. Crummey, Esq., High School, Stellarton. *Hon. Secretary:* L. N. Miller, Esq., L.Mus. (McGill), Box 44.
SUDBURY	*Hon. Representative:* Dr. J. O. McDonald, 70 Cedar Street. *The Secretary:* Mrs. R. Perreault-Radek, 56 Riverside Drive.

SUTTON	*Hon. Representative:* ——— *Hon. Secretary:* Miss Gertrude Gingras.
SYDNEY MINES	*Hon. Representative:* ——— *Hon. Secretary:* H. A. Briers, Esq., Box 438.
SYDNEY	*Hon. Representative:* G. G. Campbell, Esq., B.A., Sydney Academy. *Hon. Secretary:* ———
TIMMINS	*Hon. Representative:* The Rev. W. Linder. *Hon. Secretary:* ———
TRURO	*Hon. Representative:* C. G. Mosher, Esq., M.A., LL.D. *Hon. Secretary:* Miss Bertha Dunn, L.Mus. (McGill), 8 Elm Street.
VANCOUVER	*Hon. Secretary:* C. E. Findlater, Esq., Williams Bldg., 413 Granville Street.
VICTORIA VANCOUVER ISLAND	*Hon. Secretary:* R. H. Cox, Esq., L.Mus. (McGill), 1462 Fort Street.
WINNIPEG	*Hon. Representative:* John Parton, Esq., 356 Main St. *Acting Secretary:* Miss Peggy Morrison, 528 Kingsway.
WOLSELEY	*Hon. Representative:* ——— *Hon. Secretary:* Mrs. Anna P. Thomson.
YORKTON	*Hon. Representative:* E. A. Crosthwaite, Esq., Principal, Simpson School, Yorkton, Sask.

FEES FOR LOCAL EXAMINATIONS

1.—THEORY OF MUSIC (when taken as a Special Subject)

Highest Grade	$ 9.00
Senior Grade	5.50
Intermediate Grade	4.00
Junior Grade	3.00
Elementary Grade	2.00

2.—PRACTICAL SUBJECTS

Highest Grade, *including fee for Senior Theory*	$12.00
Senior Grade, *including fee for Intermediate Theory*	10.00
Intermediate Grade, *including fee for Junior Theory*	7.50
Junior Grade, *including fee for Elementary Theory*	6.00
Elementary Grade	3.50
Primary Grade	2.50
Preparatory Grade	1.00
Duet Playing examination covering both entrants	1.50

3.—SUPPLEMENTARY THEORETICAL EXAMINATION

Fee for three highest grades (each paper)	$2.00
Fee for the two lowest grades	1.50

4.—GENERAL SCHOOL EXAMINATION

Fee, $20.00 for first hour and $10.00 for each succeeding hour. (One examiner.)

5.—CLASS SINGING EXAMINATION

Fee, $10.00 per class. (One examiner.)

All remittances for fees should be made payable to McGill University.

LOCAL CENTRE EXAMINATIONS IN THEORETICAL MUSIC

These examinations are divided into five grades, and Certificates in each grade will be awarded to successful candidates.

HIGHEST GRADE—Harmony in four parts, up to chords of the major and minor dominant ninth and secondary sevenths, including the use of suspensions and passing notes (harmonizing of melodies and figured and unfigured bass, the completing of a harmonic sentence from a given pattern); the writing of a short passage introducing specified chords. The candidate will be required to take down from dictation a short and simple melody which will be played three times;

Counterpoint in two parts; Analysis, together with elementary knowledge of form, questions being based upon the candidate's previous study of the pieces given in this year's Highest Grade, List A. Pianoforte Book (a copy of which will be provided for the candidates in the examination room), and the outlines of musical history. The examinations in this grade consist of two papers. One paper deals with Harmony and Counterpoint, and the other with History of Music, and Analysis and Form.

SENIOR GRADE—More advanced questions on the work specified for the Intermediate Grade. A knowledge of musical ornaments or graces and of syncopated time, analysis of given chords or passages and the harmonization of an easy melody and of an unfigured bass. Candidates will also be required to write an original tune of from four to eight bars and indicate the harmony by figuring and directs; to add a contrasted tune to one given (*this is compulsory*), and to *add* phrase marks. *Care should be taken, in writing the tune, to avoid the interval of an augmented 4th and to obtain a judicious mixture of conjunct and disjunct movement. In harmony questions generally candidates should consider the possibiltiy of introducing the supertonic chord.*

N.B.—Special attention is paid by the examiners to the working of the harmony questions. A definite percentage of marks is required in these questions in order to pass.

INTERMEDIATE GRADE—A knowledge of the C clefs, the transposition of a given passage, the barring (and pre-fixing of time and key signatures of given passages and (in both original and inverted positions) triads) common chords, chords of the dominant seventh with resolution on the tonic chord and chords of the augmented 6th. In addition to the above, the harmonization by means of simple chords in three or four parts of short phrases with either melody or figured or unfigured bass or both if given. Candidates are required to write a tune of their own of from four to eight bars and add another to it, so as to produce a piece of flowing 2-part writing. They are also required to analyse the chords in a given passage, and point out errors of part-writing or poor chord construction in a given passage.

N.B.—Special attention is paid by the examiners to the working of the harmony questions. A definite percentage of marks is required in these questions in order to pass. (See special note regarding melody and harmony questions under Senior Grade.)

JUNIOR GRADE—Transposition from treble to bass and vice versa, the more extreme key signature and scales, marks of expression, including the translation of Foreign terms into English and vice versa, a knowledge of triads, technical names of notes for scale degrees, intervals and their inversion, grouping of incorrectly grouped notes according to the time signature used.

ELEMENTARY GRADE—The following are the requirements:—A knowledge of staves, G and F clefs, notes, dots, rests, leger lines, time signatures, key signatures (major and minor), writing scales, the more common marks of expression, easy intervals, and the writing of two simple tunes, each of two bars, on a given pattern; the tunes should have some character. Completing bars with notes or rests.

N.B.—Specimens of examination papers used for all Grades during the last few years can be obtained from the Secretary, McGill University Conservatorium of Music, at 10 cents per copy of each grade.

Special Note:—Leaflets have been specially prepared as a guide on certain points for the use of teachers preparing candidates for the theoretical examinations. These will gladly be sent to anybody interested.

LOCAL CENTRE EXAMINATIONS FOR CANDIDATES IN PRACTICAL SUBJECTS

PIANOFORTE

See requirements and table of marks at the end of this section on Pianoforte regulations.

Official books containing the pieces required for the Pianoforte Examinations in all the seven grades of the local examinations, can be obtained, either from the Secretary, McGill University Conservatorium of Music, Montreal, or from any music dealer in the Dominion.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this examination the Senior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* Major, minor (both forms) and chromatic, in all keys, in similar and contrary motion, at the octave, third, sixth or tenth, with staccato or legato touch, and beginning from either the highest or lowest note, as may be required; major and minor scales also in similar motion in double octaves in all keys.

2. *Arpeggios.* Common chords, dominant 7ths and diminished 7ths, in all positions at the interval of an octave only, starting on the highest or lowest note with staccato and legato touch.

NOTE:—Scales and arpeggios should be played at as fast a speed as is consistent with clarity and accuracy and without group accentuation.

3. *Ear Tests.* Candidates must be able to name, either by interval or by note (as they may prefer), any diatonic or chromatic interval above or below any given note which may be struck by the examiner; to say whether a common chord is major or minor, and to recognize the chord of the dominant 7th in its root position when it is struck.

A rhythmical test is also given (which the candidate is required to tap or sing) as well as a melodic test which the candidate must hum, sing, or play on the piano after the examiner.

4. *Reading at Sight.* Candidates must be prepared to read a test which will be of about the same difficulty as the pieces set for prepared work in the Intermediate Grade.

5. *Prepared Work.* The whole of either List A or List B published in separate books and referred to on page 2160, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music, in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

6. *Questions.* Questions will be asked on the form, modulations, and marks of expression, etc., found in the pieces. In connection with the questions on form candidates are recommended to read Macpherson's "Form in Music" (published by Joseph Williams).

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Intermediate Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* Major, minor (both forms) and chromatic similar motion through four octaves and contrary motion through two octaves, played legato at the rate of about 4 notes to M.M. 120, and played staccato at about M.M.90, beginning with the highest or lowest note as required and at the octave only. Also all scales in 3rds in similar motion only. All scales must be played forte or piano as required.

2. *Arpeggios.* All major and minor common chords through four octaves, also dominant and diminished 7ths, time to be about 4 notes to M.M. 100 played legato and M.M. 72 played staccato. These arpeggios, also to be played in the inversions if required, at about 4 notes to M.M. 72. All arpeggios must begin from the highest or lowest note as required and be played forte and piano.

3. *Ear Tests.* Candidates must be able to name diatonic or chromatic intervals within the limits of an octave above or below any note struck by the examiner. Either the name and kind of interval or the name of the note may be given in answer. Candidates will be required to sing or hum *any one* of three notes played together, and also a short phrase played by the examiner.

4. *Reading at Sight.* The music will not be more difficult than the pieces set for the Junior Grade.

5. *Prepared Work.* The whole of either List A or List B published in separate books, and referred to on page 2160, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. When there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

6. *Questions.* Questions will be asked as to the key, time and meaning of signs used in the pieces prepared by the candidate. In addition an intelligent musical understanding of the pieces is expected such as simple elements of construction.

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination, the Junior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* Major and minor (both forms) in all keys, also chromatic scales through four octaves, each hand separately and both together in similar motion, beginning either on the lowest or highest note legato and staccato, speed to be about 4 notes to M.M. 92 legato and M.M. 72 staccato, piano and forte.

2. *Arpeggios.* All major and minor common chords, with inversions, through four octaves, separately and together, beginning from either the highest or lowest note.

3. *Ear Tests.* To name by interval or note (as candidates prefer), with either middle C. G. or F as the given note, any note, diatonic or chromatic, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. Candidates will be required to hum or sing a short phrase played by the examiner.

4. *Reading at Sight.* A test consisting of music of about the same difficulty as the pieces set for the Elementary Grade.

5. *Prepared Work.* The whole of either List A or List B, published together in one book, and referred to on page 2160, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

6. *Questions.* Questions will be asked as to the time, key and meaning of signs used in the pieces prepared by the candidates.

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* Major and minor (both forms, harmonic and melodic, but the latter only hands separately) and chromatic scales in similar motion only, in all keys through two octaves, beginning from either highest or lowest note and played forte or piano with separate hands and both hands as required, at a speed of about 4 notes to each M.M.80.

2. *Arpeggios.* Extended arpeggios of common chords in all major and minor keys in root position through two octaves, each hand separately and together.

3. *Ear Tests.* To name by interval or note (as candidates prefer) with middle C, G, or F as given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner.

4. *Reading at Sight.* A test is set of which the difficulty will be similar to that of the pieces in the Primary Grade.

5. *Prepared Work.* The whole of either List A or List B, published together in one book and referred to on page 2160, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

6. *Questions.* Questions will be asked as to the various marks of expression and as to the key and time of the various prepared pieces.

ELEMENTARY GRADE

Candidates are not required to take any written theoretical examination before presenting themselves for this examination.

1. *Scales.* The major scales of C, G, D, A, F. B flat and E flat, and their relative minors (harmonic form only), with separate hands and both hands through two octaves, beginning with highest or lowest note, also piano or forte, as required, at a speed of about two notes to each M.M. 88.

2. *Arpeggios.* Major and minor, the same keys as the above scales, each hand separately, through two octaves, in root form only.

3. *Ear Tests.* With any note chosen by the examiner about the middle of the keyboard as the lowest note, to name the major or minor 3rd, perfect 5th and perfect octave from that note.

4. *Reading at Sight.* Two easy tests will be given, one for the right hand alone and one for the left hand alone.

5. *Prepared Work.* The whole of either List A or List B, published together in one book, and referred to on page 2160, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

6. *Questions.* Easy questions will be asked on the marks of expression, key and time of the pieces prepared, also as to the values of the notes and rests and the signatures.

PRIMARY GRADE

Candidates are not required to take any written theoretical examination before presenting themselves for this examination.

1. *Scales.* Major scales, C. G, D, F and B flat, and their respective relative minors, in harmonic form only, with one hand at a time through two octaves, beginning with the lowest note at a speed of (a) *one note to each M.M. 100* (*b*) *two notes to each M.M. 100.*

2. *Arpeggios.* Major form only, 2 octaves, starting from the lowest note, hands separately, in root form only in keys of C, G, D, F and B flat.

3. *Prepared Work.* The whole of either List A on List B, published together in one book, and referred to on page 2160, must be submitted.

As the music in the Grade Books is selected from many different editions and is not printed by the University, no responsibility can be taken for instructions as to performance of grace notes, etc., or indications of the form of the pieces printed in the different editions. These do not necessarily represent the views of the Faculty of Music; in fact, the printed instructions should occasionally be ignored. Where there is uncertainty as to the exact course to adopt, teachers are asked to communicate with the Secretary.

4. *Questions.* A few questions will be asked on the notes and rests found in the prepared pieces.

Marks

The following system is adopted:—

	Primary	Elementary Junior and Intermediate	Senior and Highest
Scales	13	13	15
Arpeggios	13	13	15
Accuracy as regards Notes and Rests and correct system of Fingering	14	14	..
Tempo (including in the higher grades, if piece demands it, Tempo Rubato)	10	10	..
Expression (including in the higher grades use of pedals)	10	10	12

Touch, Rhythm, Phrasing and Accent and Interpretation.....	12	12	28
Reading at sight.....	..	12	12
Ear tests.....	..	10	10
Questions.....	6	6	8
Proper position of hands and arms.	12	..	..
Movement of fingers.....	10	..	..
	100	100	100

Pass Marks 60-69. Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

PREPARATORY GRADE

This is now the earliest examination which it is possible to take in the Local Centre Examinations. There is no theoretical examination.

The candidates will be required to play:—

(1) Short exercises, for separate hands, to illustrate legato playing and phrasing.

(2) Four short pieces for both hands.

(3) Scales C.G.F., major form only, hands separately, two octaves.

(4) Ear tests.

This examination is designed to meet the needs of beginners studying privately as well as those taking the first year course in Pianoforte Class Instruction in schools.

All the music, with specimen ear tests, is published by McGill University and can be obtained in one volume, price 15c.

	Marks
Scales.....	15
Exercises.....	15
Pieces.....	40
Ear tests.....	30
	100

The Oxford Piano Course and the Kammerer have been discontinued.

Pass Marks 60-69. Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

EXAMINATION IN PIANOFORTE DUET PLAYING

In order to encourage the mutual making of music and to stimulate the

interest of young performers, examinations are held in pianoforte duet playing in the Elementary Grade. The requirements are:—

(1) The playing of two or three simple duets of Elementary Grade difficulty.

(2) The major scales of G, F and D played as duets through two octaves. The players will play together one hand at a time (starting two octaves apart) and two hands together (starting one octave apart.)

(3) Ear tests. Simple rhythmical tests will be given. For instance, a tune of one bar will be played and the candidates will tap (together) the rhythm. The examiner will then play a short and easy passage having one chord to a beat and the candidates will be required to clap the beats during the playing. (The test will be played over first.) Candidates will also be required to hum or sing a passage of about 6 notes, equal in length, which will be played over three times on the pianoforte.

(4) Questions on the notes and rests will be asked, also on the times and keys of the prepared pieces.

(5) Sight reading. Candidates will be required to read a very simple duet, one hand only to each part.

Fee (covering both entrants) $1.50. Only one application (with names, etc., of both candidates) need be sent in.

Marks for Duet Playing Examination

Scales	20
Accuracy as regards Notes and Rests and correct system of fingering; sight reading	30
Touch, Rhythm, Phrasing, Accent and Expression	20
Ear tests	20
Questions	10
	100

Pass Marks 60-69 Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

VIOLIN

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this examination the Senior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales* (from memory). All major and both forms of all minor scales (three octaves). The chromatic scales of C (two octaves) beginning on

the G string and E beginning on the D string. Slurred and detached bowing.

2. *Arpeggios.* In all major and minor keys, and dominant and diminished 7ths, through three octaves, one note to a bow, and slurred (one bow ascending and one descending.)

3. *Ear Tests.* Candidates must be able to name, either by interval or by note (as they may prefer), any diatonic or chromatic intervals which may be struck by the examiner above or below the given note; to be able to say whether the common chord is major or minor, and to recognize a chord of the dominant 7th in its root-position when it is struck (on the pianoforte). A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing or play on the violin after the examiner.

4. *Reading at Sight.* Candidates must be able to read a test which will be of about the same difficulty as the pieces set in the Intermediate Grade.

5. *Prepared Work.* (a) Three Studies:—Candidates may choose any one of Kreutzer's Etudes between Nos. 23 and 42 includive, and also any one of Rode's Caprices and also any one of Fiorillo's Etudes.

(b) Concerto No. 19	KREUTZER
or Concerto in E minor	NARDINI
or La Folia	CORRELLI-LEONARD
or Sonata in E minor	VERACINI
(c) Sixth Partita in E major, for violin alone (First movement only.)	BACH
or	
Concerto in E major	BACH

6. *Questions.* Questions will be asked on the form, modulation, and marks of expression in the prepared work.

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination, the Intermediate Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales* (from memory). All major and both forms of minor scales through three octaves. Slurred and detached bowing.

2. *Arpeggios.* All major and minor keys through three octaves, one note to a bow and slurred (one bow ascending and one descending).

3. *Ear Tests.* Candidates must be able to name diatonic or chromatic intervals within the limits of an octave, above or below any note struck by the examiner. Either the name and kind of interval or the name of the note may be given in answer. A rhythmical test is also given (which the candidate will be required to tap or sing) as well as a melodic test which the candidate must hum, sing, or play on the violin after examiner.

4. *Reading at Sight.* The music given will not be of greater difficulty than the pieces set for the Junior Grade.

5. *Prepared Work.*

Studies.

No. 18, Thirty Special Studies, Op. 36	MAZAS
No. 10	KREUTZER
No. 15	FIORILLO

Pieces.

Concerto, No. 23, First or Last Movement	VIOTTI
or Sonata in G minor	TARTINI
or any one of Six Sonatas	HANDEL

6. *Questions.* Questions will be asked as to the key, time, and meanings of signs used in the prepared work.

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination the Junior Grade of the local theoretical examinations must be passed. (*See page 2159.*)

1. *Scales* (from memory). See footnote on page 2170.

G major, A major, B flat major, B major and their tonic minors, through 3 octaves. Minor scales to be played in both forms. All to be played detached and 3 notes to a bow.

2. *Arpeggios.* Keys same as for scales, through 3 octaves.

(a) One note to each bow.

(b) Three notes slurred to each bow.

3. *Reading at Sight.* A test consisting of music of about the same difficulty as pieces set for the Elementary Grade.

4. *Ear Tests.* To name by interval or note (as candidates prefer), with either middle C, G or F as the given note, any note, diatonic or chromatic, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate will be required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the violin after the examiner.

5. *Prepared Work.*

Studies.

No. 7 of Thirty Special Studies, Op. 36	MAZAS
Nos. 21 and 29, Op. 20	KAYSER

Pieces.

Second Concertino, Op. 14 (published by Schott)	R. ORTMANS
or Concertino, Op. 31, 1st *or* Last Movement	SITT
or Concerto No. 3, Op. 12, 1st Movement	SEITZ
or Concerto No. 4, 1st Movement	SEITZ
or Concerto in A minor	VIVALDI

6. *Questions.* Questions will be asked as to the time and the meaning of signs used in the pieces prepared.

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales* (from memory). See footnote. Two octaves of the following:— C major and minor, 2nd position. B flat major and minor in 2nd position. D major and minor in 3rd position and in 4th position. Minor scales to be played in both forms.

(a) One note to each bow.

(b) Two notes slurred to each bow.

2. *Arpeggios.* Two octaves in the following keys: G major and G minor, D major and D minor.

(a) One note to each bow.

(b) Three notes slurred to each bow.

N.B.—Ritter's Violin Scale Book may be used in preparation for this grade as well as those below it.

3. *Ear Tests.* To name by interval or note (as candidates prefer) with middle C, G, *or* F as the given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate will be required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the violin after the examiner.

4. *Reading at Sight.* An easy test is given about the difficulty of the pieces in the Primary Grade.

5. *Prepared Work.*

Studies.

Nos. 9, 12, Op. 20	KAYSER
No. 42, Op. 32, Book 3	SITT

Pieces.

First *or* last movement, Sonatina No. 3 (Carl Fischer)	R. HOFMAN
or Allegro entusiastico (Carl Fischer)	PUGNANI-MOFFAT
or Fragment of a Sonata (Carl Fischer)	DANCLA
or Melody (Carl Fischer)	LULLY-SPALDING

6. *Questions.* Questions will be asked as to the various marks of expression and as to the key and the time of the prepared pieces.

ELEMENTARY GRADE

No written examination in theory need be passed by candidates before entering for this examination.

1. *Scales* (from memory). See footnote on page 2170.
G, A and B (major and minor) in two octaves, 4 notes to each bow.

2. *Arpeggios.* G major and G minor in first position only, through two octaves.

(1) One note to the bow.

(2) Three notes to the bow.
(Minor Scales in melodic form only.)

3. *Ear Test.* To name by interval or note (as candidates prefer) with middle C, G or F as the given note, any note of the diatonic major scale, struck or F as the given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner.

4. *Reading at Sight.* A very easy piece is given.

5. *Prepared Work.*

Studies.

No. 1, Op. 20 (played with four different bowings) — KAYSER
No. 7, Op. 20 — KAYSER
Concertino in first position, Op. 93 — HANS SITT
First or last movement.
or Concertino, No. 5—Op. 22 — SEITZ
or Concertino in B minor, Op. 35 (in first position) — RIEDING
or any two of "Four Easy Pieces" — DUNCAN-RUBBRA
(Oxford Univ. Press)

6. *Questions.* Questions will be asked on notes, rests, marks of expression, time of pieces and studies, and on key signature.

PRIMARY GRADE

No written examination in theory need be passed by candidates before entering for this examination.

1. *Scales* (from memory). See footnote on page 2170.
Scales in G major and minor, and A major and minor in two octaves, also D major and minor and F major in one octave, one note to each bow.
(Minor Scales in melodic form only.)

2. *Prepared Work.*

Studies:

Violin Method, Op. 6, Part 2, No. 13 — SEVCIK
or Exercise No. 2, Op. 74, with different bowings — WOHLFARTH

Pieces:

Theme with Variations, Op. 57 — PAPINI
or Prière, Op. 22, No. 4 (Bosworth Ed.) — RIEDING
or Mazurka — HERBERT KINGSLEY
or Marche Militaire — ADAM CARSE
(Published by Joseph Williams)

or Valsette, Op. 33, No. 2	JOSEPH BLOCH
or A Bed-time Song	GORDON JACOB

3. *Questions.* Questions will be asked on the notes and rests found in the prepared pieces.

4. *Ear Tests.* With any note chosen by the examiner about the middle of the keyboard as the lower note, to distinguish between the major or minor 3rd, perfect 5th, and perfect octave from that note.

Marks

In all the Grades with the exception of the Primary, the following system of marking is adopted for Violin, Viola and Violoncello:—

Posture	5
Scales and Arpeggios	12
Technical Studies and Exercises	10
Bowing	8
Accuracy of Notes and Rests	8
Tone Production	10
Intonation, including Tuning	8
Rhythm, Phrasing, Accent and Graduation of Tone	10
Tempo (including in higher grades, if piece demands it, Tempo Rubato)	5
Questions	6
Ear Tests	10
Sight Reading	8
Total	100

Pass Marks 60-69. Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

In the Primary Grade, Sight Reading is not required; the marks allotted to this are distributed as follows:—

Accuracy of Notes and Rests	10 instead of 8
Rhythm, Phrasing, Accent and Gradation of Tone	14 instead of 10
Strictness of Time and Choice of Tempo	7 instead of 5

In every other respect the marking is as in above schedule.

VIOLONCELLO

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this examination the Senior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* Major and minor scales in all keys through three octaves (minor scales in melodic form only.)

2. *Arpeggios.* All major and minor, through three octaves.

3. *Ear Tests.* Candidates must be able to name either by interval or by note (as they may prefer), any diatonic or chromatic interval which may be struck by the examiner above or below the given note; to say whether the common chord is major or minor, and to recognize a chord of the dominant 7th in its root position, when it is struck (on the pianoforte). A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing or play on the 'cello after the examiner.

4. *Reading at Sight.* Candidates must be able to read a test, which will be about the same difficulty as the pieces set in the Intermediate Grade.

5. *Prepared Work.*

Study No. 7 (Litolff Ed.) *or* Caprice — J. L. DUPORT
and
One of the Studies of — FRANCHOMMA *or* GRUTZMACHER
and
Two movements any Bach Suite
and
First movement Concerto in D major — DAVIDOFF
or
Sonata in G major (Ed. Simrock) — J. B. BREVAL

6. *Questions.* Questions will be asked on the form, modulation, and marks of expression in the prepared work.

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination, the Intermediate Grade local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales* (from memory). All major and minor scales compass three octaves (minor scales in melodic form only).

(a) Detached.

(b) Slurred, 2, 4 or 8 notes to a bow.

2. *Arpeggios.* All major and minor, through three octaves.

3. *Technical Studies.*

Studies Nos. 4 and 6 (Berners Ed. No. 102a) — A. H. EARNSHAW

or

Any two Studies — DUPORT

4. *Ear Tests.* Candidates must be able to name diatonic or chromatic intervals, within the limits of an octave, above or below, any note struck by the examiner. Either the name and kind of interval or the name of the note may be given in answer. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the 'cello after the examiner.

5. *Reading at Sight.* The music given will be about the same difficulty as the pieces set for Junior Grade.

6. *Prepared Work.*

Any two of "Six Airs arranged for 'cello" (Oxford University Press) — J. BARBIROLLI

or

One movement of any Goltermann Concerto.

In addition, the following two pieces:

Berceuse (published by Hawkes & Son, London) — W. ALCOCK

Elegie — G. FAURÉ

7. *Questions.* Questions will be asked on the form, modulation and marks of expression in the pieces prepared.

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination the Junior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales* (from memory). In all the major and minor keys through two octaves.

(a) Detached.

(b) Slurred, two notes to a bow, and four notes to a bow.

2. *Arpeggios.* All major arpeggios through two octaves.

3. *Ear Tests.* To name by interval or note (as candidates prefer) with either middle C, G or F as the given note, any note, diatonic or chromatic, struck by the examiner above or below it, within the limits of an octave The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the 'cello after the examiner.

4. *Reading at Sight.* A test consisting of music about the same difficulty as the pieces set for the Elementary Grade.

5. *Prepared Work.*

Studies:

Any two advanced studies	DOTZAUER
Nos. 1 and 2 (Litolff Edition, No. 1520)	MERK
No. 9—Exercises (Litolff)	DUPORT
or Nos. 19, 20, 22, 24, 25 and 27 from Progressive Studies for the Violoncello	WHITEHOUSE

Pieces:

Sicilienne from Nina	PERGOLESE
Gavotte	GOSSEC
1st movement, Concerto in A	GOLTERMAN

6. *Questions.* Questions will be asked as to the time, key, and meaning of signs used in the pieces prepared by the candidates.

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales* (from memory). The major scales of E, A, D, A flat, E flat and B flat, and the minor scales of C sharp, F sharp, B, F, C, and G, through two octaves.

2. *Arpeggios.* Same keys as for scales through two octaves.

3. *Ear Tests.* To name by interval or note (as candidates prefer) with middle C, G or F as the given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test

is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the 'cello after the examiner.

4. *Reading at Sight.* An easy test will be given.

5. *Prepared Work.*

Studies:

Nos. 35 and 51. Studies for the Young Cellist — L. FEUILLARD
Nos. 10 and 33 from 113 Studies — DOTZAUER

Pieces:

Gavotte—Op. 5 — W. H. SQUIRE
(Augener Edition No. 7704b)

Also one piece to be selected by the teacher.

6. *Questions.* Questions will be asked as to the various marks of expression and as to the key and time of the pieces prepared.

ELEMENTARY GRADE

No written examination in theory need have been passed by candidates before entering for this examination.

1. *Scales* (from memory). Major scales of C, G, D and F; minor scales of A and D, through two octaves.

2. *Arpeggios.* Same keys as for scales, through two octaves.

3. *Ear Tests.* To name by interval or note (as candidates prefer) with middle C, G or F as the given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner.

4. *Reading at Sight.* A very easy piece will be given.

5. *Prepared Work.*

Studies:

Nos. 11 and 17. Studies for the Young Cellist — L. FEUILLARD
No. 4 from 40 Studies, Op. 31 — LEE
or Nos. 11, 12, 16, and 18 from Progressive Studies for the Violoncello — WHITEHOUSE

Pieces:

A Jig. Cradle Song — HOWARD FERGUSON
(From Five Irish Folk Tunes)

6. *Questions.* Easy questions will be asked as to the notes, rests, marks of expression and time of pieces and studies; also questions on key signatures.

DOUBLE BASS

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this examination the Senior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales*
2. *Arpeggios*
3. *Ear Tests*
4. *Reading at Sight*

As for Violoncello, pages 2174-2178.

5. *Prepared Work.* Candidates may select works from the repertory of classical and modern composers, and are advised to submit choice to the Dean for approval.

6. *Questions.* Questions will be asked on the form, modulation and marks of expression in the prepared work.

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination, the Intermediate Grade local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales*
2. *Arpeggios*

As for Violoncello, page 2174.

3. *Technical Studies.*

30 Technical Studies — LABRO
10 Studies — FIORILLO
10 Studies — KREUTZER

4. *Ear Tests*
5. *Reading at Sight*

As for Violoncello, page 2175.

6. *Prepared Work.*

Concerto in A major — KOUSSEVITSKY
or
Concerto in G major — DRAGONETTI
and

Bass parts from Quintet No. 5 — PROKOFFIEF
and
Bass parts from Puchinella Ballet — STRAVINSKY

7. *Questions.* Questions will be asked on the form, modulation and marks of expression in the prepared work.

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination the Junior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales* (from memory). In all the major and minor keys through two octaves. Detached, 2, 4, 6, 8, 12, 16, notes to the bow. In eight notes and sixteen, also combination of rhythms at M-80. Triplets, 3, 6, 9 notes to the bow.

2. *Arpeggios* on the same basis as above.

3. *Ear Tests*
4. *Reading at Sight*

} As for Violoncello, pages 2175 and 2176.

5. *Prepared Work.*

Studies:

From Labro's or Nanny's method to the 7th and thumb positions.

10 Studies — KREUTZER
or
Virtuoso Studies — NANNY
or
30 Technical Studies — LABRO

Pieces:

Concerto in B flat — VERRISMT
and
Bass part from one of the following:
Symphony No. 1, 3, 5, 7, or 9 — BEETHOVEN
or
Symphony No. 35 — MOZART
or
Symphony in G Minor — MOZART
or
Symphony No. 1, 2, 3, or 4 — BRAHMS

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales* (from memory). Major scales of F, G, B flat, A, E, F sharp; and minor scales (harmonic) F, E, G, A, B, in quarter notes, eighth, and triplets, in 8 notes to the bow (M-80).
2. *Arpeggios.* Same keys as for scales through two octaves.
3. *Ear Tests.* As for Violoncello, page 2176.
4. *Reading at Sight.* An easy test will be given.
5. *Prepared Work.*

Studies:

Labro's or Nanny's Method up to 4th position.

Pieces:

"The Elephant" (from Carnival of Animals) — SAINT SAENS

Bass part—Recitativo from 9th Symphony — BEETHOVEN

ELEMENTARY GRADE

No written examination in theory need have been passed by candidates before entering for this examination.

1. *Scales* (from memory). Major scales F, G, B flat, A, E, F sharp; and minor scales (harmonic) F, E, G, A, B, in quarter notes detached and bowed.
2. *Arpeggios.* Same keys as for scales through two octaves.
3. *Ear Tests.* As for Violoncello, page 2177.
4. *Reading at Sight.* A very easy piece will be given.
5. *Prepared Work.* Studies of Labro's or Nanny's method up to the second position.

VIOLA, HARP, AND WIND INSTRUMENTS

In each of these there are only five Grades. The requirements for each Grade can be obtained on application to the Secretary of the Examining Board.

ORGAN

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this examination the Senior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* All major and minor (both forms), also chromatic scales played at varying degrees of speed.

(a) Pedals only, for one and two octaves.

(b) Manuals only, hands together at 8ve, 3rd, and 6th for three octaves.

(c) One hand and pedals combined, in similar and contrary motion from the octave or unison for one and two octaves.

2. *Technical Studies in Pedal Playing.*

Part II, Section II, Nos. 20-59 inclusive — NILSON

Part II, Section III, Nos. 8-28 inclusive — NILSON
(Published by Schirmer)

3. *Ear Tests.* Candidates must be able to name, either by interval or by note (as they may prefer), any diatonic or chromatic interval which may be struck by the examiner above or below the given note, to say whether the common chord is major or minor and to recognize a chord of the dominant 7th in its root position when it is struck. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the organ after the examiner.

4. *Reading at Sight.* Candidates must be able to read a test which will be of about the same difficulty as the pieces set in the Intermediate Grade.

5. *Prepared Work.* One of the following groups:—

Chorale on Ein Feste Burg — BACH
(Novello Book 18)

Postlude and Trio, Nos. 2 and 3 of 6 Preludes and Postludes, 1st set Op. 101 — STANFORD
(Stainer & Bell)

Alleluia—Final — BOSSI
(Durand)

or

Choral Improvisation "Nun danket alle Gott" — KARG-ELERT
(E. B. Marks)

Toccata (only) from Dorian Toccata and Fugue — BACH
(Novello Vol. X)

Greensleeves — VAUGHAN WILLIAMS
(edited Roper—Oxford University Press)

or

Choral Prelude "Valet will ich der geben" — BACH
(Novello XIX, page 7 (D major)

Berceuse from Suite Bretonne — DUPRE
(Leduc)

Two Trumpet Tunes and Air — PURCELL
(edited Ley—Stainer and Bell)

6. *Questions.* Questions will be asked on the form and modulations, and marks of expression, in the pieces prepared; also on chapters 3, 4, 5 and 6 of A. E. Hull's book on Organ Playing (published by Augener).

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination, the Intermediate Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* All major and minor (both forms), and chromatic scales.
(a) Pedals only. C, D flat, D, E flat, E and F for two octaves.
(b) Manuals only, hands together for three octaves in similar and contrary motion. (Harmonic minor only in contrary motion.)

2. *Technical Exercises.*
Technical Studies in Pedal Playing — NILSON
Part II, Section II, Nos. 1-9 inclusive.
Part II, Section III, Nos. 1-7 inclusive.
(Published by Schirmer)

3. *Ear Tests.* Candidates must be able to name diatonic or chromatic intervals within the limits of an octave above or below any note struck by the examiner. Either the name and kind of interval or the name of the note may be given in answer. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the organ after the examiner.

4. *Reading at Sight.* The music given will not be of greater difficulty than the pieces set for the Junior Grade.

5. *Prepared Work.* One of the following groups:—
Presto from Concerto No. 5 in F — HANDEL
(Borreman ed. Paris)

2nd Movement 5th Sonata — MENDELSSOHN
(Any edition)

In Paradisium — DANIEL-LESUR
(Alphonse Leduc)

or

Air with variation from Concerto in D — CHARLES AVISON
(Edited Harker—Novello)

Prelude and Fugue in D minor — BACH
(Novello Vol. IX)

March from Three Pieces for Organ — NICHOLAS CHOVEAUX
(Lengnick)

6. *Questions.* Questions will be asked as to the keys through which the music passes and on marks of expression, etc., found in the pieces; also on chapters 4 5 and 6 of A. E. Hull's book on Organ Playing. (Pub. by Augener.)

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination the Junior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* (a) All major, minor and chromatic scales through three octaves (hands together) on manuals, in similar and contrary motion and starting on either highest or lowest note.

(b) Pedals: All major and minor and chromatic scales through one octave.

2. *Technical Studies in Pedal Playing* (Pub. Schirmer) — NILSON
Part II, Section I.

3. *Ear Tests.* To name by interval or note (as candidates prefer), with either middle C, G or F as the given note, any other note, diatonic or chromatic, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the organ after the examiner.

4. *Reading at Sight.* A test consisting of music of about the same difficulty as the pianoforte pieces set for the Elementary Grade.

5 *Prepared work.* One of the following groups:

Fugue in D minor — BACH
(Novello, Vol. II)

Meditation — HAROLD DARKE
(Oxford University Press

or

Prelude in D minor — MENDELSSOHN
(from Three Preludes and Figures, any edition)

Adagio from Modale Suite (Elkan-Vogel) — FLOR PEETERS

or

Allegro (only) from Prelude and Bell Allegro (Edited Williams—Bosworth) — JOHN STANLEY

Hush Song (No. 3 of Four Intermezzi) (Novello) — STANFORD

6. *Questions.* Questions will be asked as to the time and meaning of signs used in the pieces prepared, also on chapters 4 and 5 of A. E. Hull's book on Organ Playing (Published by Augener).

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Scales.* C, G, D, E, E flat and F in both major and harmonic minor.

(a) Manuals only (hands separately and together) through two octaves in similar motion.

(b) Pedals only. Upper or lower octave, as required by the Examiner.

2. *Technical Studies.*

"The Organ" (Published by Novello) — W. ALCOCK

Pedal Exercises.	Page 29, No. 19 to No. 25, inc. Page 32, No. 38 to No. 43, inc. Pages 49 and 50, Nos. 61 to 68, inc.
Manual Exercises	Page 37, No. 44. Page 38, No. 55. Page 44, No. 49.
Manuals and Pedals.	Page 64, No. 146. Page 65, No. 65.
Chorales.	Any chorale pages 75 to 82, to be played on the manuals alone and on manuals with pedals.

3. *Ear Tests.* To name by interval or note (as candidates prefer), with middle C, G or F as the given note, any note of the diatonic major scale, struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the organ after the examiner.

4. *Reading at Sight.* An easy test will be given about the difficulty of the pieces in the Primary Grade. (Pianoforte.)

5. *Prepared Work.* One of the following:—

Any one Prelude and Fugue of Book I — BACH
(Novello)

or

Choral Prelude—"Herzlich thut mich verlangen" — BACH

or

Choral Prelude—"Herr Christ, der ein'ge Gottes-Sohn" — BACH
(Novello, Bk. XV)

and

Any one of A Little Organ Book
(Year Book Press)

or

Largo (only) "Largo, Allegro, Aria and 2 Variations"
MICHAEL FESTING
(Edited Thalben-Ball—Novello)

or

Either of Two Trios — MAURICE GREENE
(Edited Harry Wall—Novello)

6. *Questions.* Questions will be asked on notes, rests, marks of expression and time of pieces and studies; also questions on key signatures.

Marks

The following system of marking is adopted in all grades:

Scales and Arpeggios	10
Pedal Exercises	10
Ear Tests	10
Questions	10
Sight Reading	15
Registration	15
Phrasing, legato, musicianship, rhythm	30
Total	100

Pass Marks 60-69. Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

SINGING

HIGHEST GRADE

Before a certificate can be issued to a successful candidate for this grade the Senior Grade of the local theoretical examination must have been passed. (*See page 2159.*)

1. *Technical Studies.* See the special set of technical exercises, scales and arpeggios referred to on page 2199. Candidates must be prepared to sing all these from memory, without accompaniment, in several keys varying according to the class of voice using vowel sounds only.

2. *Ear Tests.* Candidates must be able to name, by interval or note, any diatonic or chromatic interval above or below a certain given note, within the limits of an octave; also to say whether a common chord is major or minor and to distinguish a dominant 7th chord from a common chord. A rhythmical test is also given (which the candidate will be required to tap or sing), as well as a melodic test which the candidate must hum, sing, or play on the piano after the examiner.

3. *Reading at Sight.* One of the tests must be sung either to one vowel throughout, or to solfeggi and the other tests to the words.

4. *Questions.* Questions will be asked on the style, modulations, marks of expression, occurring in the pieces prepared and the candidate must also be ready to answer elementary questions on Physiology of the Voice.

The attention of candidates is drawn to the system of marking and directions printed on page 2199.

5. *Prepared Work.*

Studies:

Soprano or Tenor—Any two from No. 34 to the end.
First Series of Solfeggios. VITTORIO RICCI

Alto or Bass—any two from No. 26 to the end.
Second Series of Solfeggios VITTORIO RICCI

Medium Voices—Any two from No. 24 to the end.
Third Series of 45 Solfeggios VITTORIO RICCI

or

Any two, from 30 to the end, of 50 Lessons CONCONE

Pieces:

NOTE:—Candidates may transpose their songs to the extent of a tone lower or higher.

(a) A RECITATIVE and ARIA from any ORATORIO or OPERA. Students will find the following books useful for making suitable selections:—

HANDEL—Twelve songs from the Oratorios, published in separate books for each voice by Novello & Co.

MENDELSSOHN—Solo music from "Elijah," published in separate albums for each voice by Novello & Co.

ROYAL OPERATIC ALBUMS—Published separately for each class of voice by Boosey & Co.

SACRED SONGS—Published separately for each class of voice in the "Imperial Edition," by Boosey & Co. The numbers in this edition are as follows:—Soprano 31, Contralto 42, Tenor 44, Baritone and Bass 32, *or* any Recitative and Aria from the Oxford Series of BACH and HANDEL ARIAS. (Oxford University Press.)

(b) Two songs of contrasted character to be chosen from any two of the following composers : — BRAHMS, SCHUBERT, SCHUMANN, PARRY, STANFORD, SCOTT, IRELAND, SCARLATTI, RACHMANINOFF, HOLST, VAUGHAN WILLIAMS, PETER WARLOCK, STRAUSS, JOSEPH MARX, DELIUS. (One modern song should be chosen.)

(c) Candidates in each class of voice must also be prepared to sing one song of their own selection and one Folk Song from "A Selection of Collected Folk Songs," C. SHARP and VAUGHAN-WILLIAMS. (Novello.)

(The Folk Song to be sung unaccompanied.)

SENIOR GRADE

Before a certificate can be issued to a successful candidate for this examination, the Intermediate Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Technical Studies.* See the special set of technical exercises, scales and arpeggios referred to one page 2199. Candidates must be prepared to sing from memory all those arranged for this particular Grade, without accompaniment, in several keys, using vowel sounds only.

2. *Ear Tests.* Candidates must be able to name diatonic or chromatic intervals within the limits of an octave above or below any note struck by the examiner. Either the name and kind of interval or the name of the note may be given in answer. A rhythmical test is also given (which the candidate is required to tap or sing), as well as a melodic test which the candidate must hum, sing or play on the piano after the examiner.

3. *Reading at Sight.* This test may be sung to one vowel sound throughout, or to solfeggi. A specimen is printed in the set of technical exercises.

4. *Questions.* Questions will be asked as to the keys through which the music passes and as to the marks of direction and expression found in the pieces and studies prepared.

The attention of candidates is drawn to the system of marking and directions given on page 2199.

5. *Prepared Work.*

Studies:

Soprano or Tenor—Any three from No. 16 to No. 33.
First Series of 50 Solfeggios — VITTORIO RICCI

Alto or Bass—Any three from No. 13 to No. 23.
Second Series of 40 Solfeggios — VITTORIO RICCI

Medium Voices—Any three from No. 10 to No. 23.
Third Series of 45 Solfeggios — VITTORIO RICCI

or

Any three (from No. 15 to the end) of 25 Lessons (Contralto, Baritone and Bass) — CONCONE

or

Any three (from 15 to 40) of 40 Lessons — CONCONE

or

Any three (from 20 to 50) of 50 lessons — CONCONE

or

Any three (No. 10 to end) of 42 Vocalises (Part I) — PANSERON

or

Any three (from No. 21 to the end) of 30 Vocalises (Ditson Edition) — SANDERS

Pieces:

(a) One of the easier ARIAS from either an ORATORIO or OPERA contained in the works mentioned in the Highest Grade.

(b) Two songs *of contrasted character* from the following lists:—

(*Candidates may transpose their songs to the extent of a tone lower or higher.*)

SOPRANO, MEZZO-SOPRANO, CONTRALTO

The Bells of San Marie	JOHN IRELAND
My True Love Hath My Heart	JOHN IRELAND
Lullaby	CYRIL SCOTT
The Angel	WAGNER
The Quiet Night (Nacht and Traüme)	SCHUBERT
Summer Night	ARMSTRONG GIBBS

Dream in the Twilight (Op. 29, No. 1)	STRAUSS
All Souls' Day (Op. 10, No. 8)	STRAUSS
The Heart Worships	HOLST
Devon Maid	FRANK BRIDGE
Christmas Eve at Sea	MALCOLM DAVIDSON
To the Queen of Heaven	DUNHILL
Sleep	PETER WARLOCK
The Water Mill	VAUGHAN-WILLIAMS
Silent Noon	VAUGHAN-WILLIAMS
Bluebells from the Clearings	ERNEST WALKER
Ferry Ahoy	BREWER
Roseen'du	BAINTON
A Sea Dirge	DUNHILL
It Was a Lover and His Lass	MORLEY
Immortality	CYRIL SCOTT
A collection of 50 Irish Melodies	C. V. STANFORD
Invocation (Soprano)	BRYCESON TREHARNE
Songs of Innocence	HAROLD DARKE (Stainer & Bell)

SOPRANO

Alleluia	MOZART
The Violet	MOZART
Se tu m'ami	PERGOLESI
Nina	PERGOLESI
May Night (Mainacht)	BRAHMS
My Love is Bright (Meine Liebe ist Grün)	BRAHMS
The Question (Der Neugierige)	SCHUBERT
Faith is Spring (Fruhlingsglaube)	SCHUBERT
Après un Rêve	G. FAURÉ
Now sleeps the Crimson Petal	ROGER QUILTER
The Crying of Water	CAMPBELL-TIPTON

MEZZO-SOPRANO

When I am laid in Earth	PURCELL
Care Selve	HANDEL
Oh, Sleep why dost thou leave me	HANDEL
So clear thine Eyes (Dein Blaues Auge)	BRAHMS
Margaret's Song (Gretchen am Spinnrade)	SCHUBERT
The Walnut Tree (Der Nussbaum)	SCHUMANN
The Trout (Die Forelle)	SCHUBERT
Amarille	CACCINI
On the Steppe	GRETCHANINOFF
Why (Warum)	TSCHAIKOWSKY
Dedication (Zuveignung)	STRAUSS
Silver	ARMSTRONG-GIBBS

CONTRALTO

From Grief I cannot measure (Aus meinen grossen Schmerzen)	Franz
Sapphische Ode	Brahms
Death and the Maiden (Tod und das Madchen)	Schubert
Thou art repose (Du bist die Ruh)	Schubert
Biblical Songs (any one)	Dvorak
Dreams	Wagner
Where corals lie	Elgar
Cloths of Heaven	Dunhill
I got me Flowers	Vaughan-Williams

TENOR, BARITONE, BASS

Song Cycle, "The Wind Among the Reeds" (any one) (Pub. by Stainer & Bell)	Dunhill
Silent Noon	Vaughan-Williams
Summer Night	Armstrong Gibbs
Quiet Night (Nacht und Traüme)	Schubert
Come Away, Death	T. Arne
Verrath	Brahms
Christmas Eve at Sea	Malcolm Davidson
Dead, Long Dead (from the "Maud" Cycle)	A. Somervell
When I Am Laid in Earth (tenor only)	Purcell
The Water Mill	Vaughan-Williams
Ethiopia saluting the colours (baritones and basses only)	C. Wood
Invictus	Armstrong Gibbs
By a Bier Side	Armstrong Gibbs
My Heart Now is Merry (Phoebus & Pan)	Bach
O Mistress Mine	Peter Warlock
Dream in the Twilight (Op. 29, No. 1)	Strauss
A Farewell (tenor)	Bryceson Treharne
Montarrat (baritone)	Bryceson Treharne
At Night (baritone)	Bryceson Treharne
All Soul's Day (Op. 10, No. 8)	Strauss
A Shropshire Lad (any one)	A. Somervell
English Lyrics, Third Set (any one)	C. H. Parry
A Collection of 50 Irish Melodies	C. V. St anford
Eleanore	Coleridge Taylor
O Vision Entrancing	Goring Thomas
I Have Twelve Oxen	John Ireland

(c) Candidates in each class of voice must also be prepared to sing one song of their own selection, not included in the above lists, and one Folk Song from "A Selection of Collected Folk Songs," C. Sharp and Vaughan-Williams (Novello).

INTERMEDIATE GRADE

Before a certificate can be issued to a successful candidate for this examination the Junior Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Technical Studies.* See the special set of technical exercises, scales and arpeggios referred to on page 2199. Candidates must sing from memory, with or without accompaniment (at the discretion of the examiners), one or all of the exercises arranged for this Grade in the various keys most suited to the particular voice.

2. *Ear Tests.* Candidates must be able to name by interval or note (as they prefer) with either middle C, G or F as the given note, any note, diatonic or chromatic, struck by the examiner above or below it, within the limits of an octave. The choice of the key note is left to the examiner. A rhythmical test is also given (which the candidate will be required to tap or sing), as well as a melodic test which the candidates must hum sing or play on the piano after the examiner.

3. *Reading at Sight.* This test may be either sung to one vowel sound throughout, or to solfeggi. A specimen will be found printed in the special set of technical exercises.

4. *Questions.* Questions will be asked as to the various marks of expression and as to the time and key of the pieces and studies prepared.

The attention of candidates is drawn to the system of marking and directions given on page 2199.

5. *Prepared Work.* Studies.

Soprano or Tenor—Two from Nos. 1 to 15	
First Series of 50 Solfeggios	VITTORIO RICCI
Any two from 1 to 19 of 50 Lessons	CONCONE
Alto or Bass—Two from No. 1 to No. 12.	
Second Series of 40 Solfeggios	VITTORIO RICCI
Medium Voices—Two from No. 1 to No. 10.	
Third Series of 45 Solfeggios	VITTORIO RICCI
or	
Any two from 1 to 15 of 25 Lessons	CONCONE
Contralto, Baritone and Bass.	
Any two from 1 to 9 inclusive of 42 Vocalises (Part I.)	PANSERON
Any two from 1 to 15 of 40 Lessons	CONCONE

Two songs of contrasted character, selected from one of the following lists, and also two Folk Songs from "A Selection of Collected Folk songs." C. SHARP and VAUGHAN-WILLIAMS (Novello), and one song of candidate's own choice.

Candidates may transpose their songs to the extent of a tone lower or higher.

SOPRANO

Five Miniature Ballads (any three as one)	W. Y. HURLESTONE
Where the Bee Sucks. (Pub. by Boosey)	ARNE
Bel Amie } as one	J. S. FORD
A Word of Thine. (Pub. by Schirmer) }	
Cradle Song	GRIEG
I Heard a Piper Piping	PETER WARLOCK
Love's Philosophy	ROGER QUILTER
To Daffodils	ROGER QUILTER
A Child Asleep	ELGAR
Blackbird Song	CYRIL SCOTT
Second Song Cycle (any two of the four as one) (Published by Stainer & Bell, London)	PERRIN
A Widow-Bird Sat Mourning	BRYCESON TREHARNE
Solveig's Song	GRIEG
My Mother Bids Me	HAYDN
I love Thee (Ich liebe dich)	BEETHOVEN
Pastorale (arr. A. L.)	VERACINI
The month of May (Im wunderschonen Monat Mai)	SCHUMANN
Roses from the East (Aus den ostlichen Rosen)	SCHUMANN
Maiden's Song (Madchenlied)	BRAHMS
A legend	TSCHAIKOWSKY
When I was Seventeen	SWEDISH FOLK SONG
Yarmouth Fair	PETER WARLOCK
Sweet and Twenty	PETER WARLOCK

MEZZO-SOPRANO

My True Love Hath My Heart	PARRY
I Heard a Piper Piping	NORMAN PETERKIN
Slow, Horses, Slow	ARMSTRONG GIBBS
Ring Out, Wild Bells	C. L. BAINTON
Twelve Oxen	PETER WARLOCK
The Jocund Dance	ROGER QUILTER
Song of the Palanquin Bearers	MARTIN SHAW
As I Walked Forth and Infant Joy	HUBERT FOSS
Five Miniature Ballads (any three)	W. Y. HURLESTONE
Shepherd Love	H. CLAXTON
12 Songs, Op. 35 (any one) (Novello)	SCHUMANN

Spirit's Song	HAYDN
La Vision	SCHUMANN
What Tho' I Trace	HANDEL
Voi che Sapete (Nozze di Figaro)	MOZART
Child, What Sings the Morning	A. MALLINSON
In the time of Roses	REICHARDT
Goodnight (Gutte Nacht)	FRANZ
Woodland Journey (Wahlfahrt)	FRANZ
Maria Lullaby	REGER
A Bird's Cry	SINDING
Plaisir d'Amour	MARTINI
Blue as her Eyes	WALTER WATTS
Devon Maid	BRIDGE
The Merry Month of May	STANFORD
Sigh no more Ladies	FREDERICK KEEL

CONTRALTO

10 Canzonets (any one) (Novello)	HAYDN
Pieta Signor	STRADELLA
One Summer Night	GRIEG
Evening Song	SCHUMANN
Pull Away Home	GORDON JACOB
The King's Way	ELGAR
Evening Hymn	PURCELL
L'Heure Exquise	POLDOWSKI
Hame	WALFORD DAVIES
Morning Hymn	HENSCHEL
As I Walked Forth and Infant Joy	HUBERT FOSS
The Sea Wrack	HAMILTON HARTY
The Hero	SCHUMANN
Uphill	BRYCESON TREHARNE
Where Corals Lie	ELGAR
The Leaves and the Wind	LEONI
Nature's Praise (Die Ehre Gottes)	BEETHOVEN
She never told her Love	HAYDN
Request (Bitte)	FRANZ
Homeless (In der Fremde)	SCHUMANN
The Lotus Flower	SCHUMANN
The Bells of San Marie	IRELAND
Lilacs	RACHMANINOFF
Linden Lea	VAUGHAN-WILLIAMS

TENOR

I Attempt from Love's Sickness to Fly	PURCELL
Milkmaid Song	STANFORD

Waft Her, Angels	Handel
Sweet and Twenty	Peter Warlock
Sigh No More, Ladies	Aiken
Minnelied	Brahms
Cavatina, from "Magic Flute"	Mozart
Eleanore	Coleridge-Taylor
La Charmante Marguerite	Old French
And So I Made a Vilanelle	Cyril Scott
Over the Western Sea	Mallinson
Four Songs from the Cherry Gardens	Sterndale Bennett

BARITONE

I Attempt from Love's Sickness to Fly	Purcell
As I Walked Forth and Infant Joy	Hubert Foss
Linden Lea	Vaughan-Williams
Easter Snow	arr. by Stanford
The Red Fuchsia Tree	Roger Quilter
The Palatine's Daughter	Norman Peterkin
An Old Carol	Roger Quilter
Morning Hymn	Henschel
Yarmouth Fair	Peter Warlock
The Wanderer	Schubert
No Word from Thee	Tschaikowsky
Four by the Clock (Cavalier's Song)	Mallinson
Pipes of Pan	Elgar
O Cessate di Piagarmi	Scarlatti
Canzone (L'Addio)	Mozart
Weep Ye No More	Roger Quilter
Comme Raggio di Sol	Caldara
Mariage des Roses	César Franck
The Swan Bent Low	McDowell
Lungi dal caro bene	Secchi

BASS

Droop Not, Young Lover (Golden Treasury of Songs)	Handel
Vittoria	Carissimi
Serenade	Tschaikowsky
Sing Ho, or The Horned Owl (Pub. by Schirmer)	J. S. Ford
Easter Snow	arr. by Stanford
The Faithless Shepherdess	Roger Quilter
Wiegenlied	Brahms
Bois Epais	Lully
Through the Ivory Gate	Parry
Sands o' Dee	Clay

JUNIOR GRADE

Before a certificate can be issued to a successful candidate for this examination the Elementary Grade of the local theoretical examinations must have been passed. (*See page 2159.*)

1. *Technical Studies.* See the special set of technical exercises, scales and arpeggios referred to on page 2199.

Those arranged for this particular Grade must be sung from memory with or without accompaniment, at the discretion of the examiner in those keys which are most suited to the individual voice.

2. *Ear Tests.* To name by interval or note (as candidates prefer), with middle C, G or F as the lower note, any note of the diatonic major scale struck by the examiner above or below it, within the limits of an octave. The choice of the key-note is left to the examiner. A rhythmical test is also given (which the candidate will be required to tap or sing), as well as a melodic test which the candidate must hum, sing or play on the piano after the examiner.

3. *Reading at Sight.* A specimen will be found printed in the special set of technical exercises.

4. *Questions.* Questions will be asked as to the various marks of expression and as to the key and time of the pieces prepared.

The attention of candidates is drawn to the system of marking and directions given on page 2199.

5. *Prepared Work.* Studies. (For all voices.)

Any three from No. 13 to the end.
24 Little Solfeggios for Beginners, Appendix — VITTORIO RICCI

Pieces:

Candidates in each class of voice must, *in addition* to their selections from the following lists, be prepared to sing a song of their own selection.

Any two of a contrasted character from one of the following lists:—

Candidates may transpose their songs to the extent of a tone lower or higher.

SOPRANO, MEZZO-SOPRANO, CONTRALTO

Folk Song from Haensel and Gretel	HUMPERDINCK
Where the Bee Sucks (Key F)	ARNE
Thine Eyes Still Shine for Me	PARRY
Holly Song	HOWELLS
Tyrley Tyrlow	WARLOCK
Pastorale	arr. A. L.
Snow Flakes	MALLINSON

Cradle Song, in G flat	BRAHMS
To Music (Golden Treasury, Vol. I)	SCHUBERT
The Poet's Song	PARRY
The Little Red Lark (Key F)	IRISH
On Wings of Song	MENDELSSOHN
What If I Never Speed (from 50 Dowland Songs, Bk. II, High Voice) (Stainer & Bell)	DOWLAND
The Fiddler of Dooney	R. MILFORD
The Gipsy Girl	R. MILFORD
This Joyful Eastertide	arr. A. SOMERVELL
Oh! Bother, Sang the Thrush	LIZA LEHMANN
Slumber, Dear Maid (Largo)	HANDEL
Weep Ye No More, Sad Fountains (from 50 Dowland Songs, Low Voice, Bk. II) (Stainer & Bell)	DOWLAND
Cradle Song	BYRD
Nachklang (Tears), Op. 59, No. 4	BRAHMS
Sapphic Ode	BRAHMS
Scheiden und Meiden (Parting)	BRAHMS
Standchen (Serenade)	BRAHMS
May Song	BEETHOVEN
Lullaby	MOZART
Have You Seen but a Whyte Lillie Grow	ANON
Sunday (Sonntag)	BRAHMS
Cradle Song (Wiegenlied)	BRAHMS
Hedge-Roses (Heiden-Roslein)	SCHUBERT
The First Primrose	GRIEG
The Cuckoo	LEHMANN
The First Rose	LEHMANN
When Icicles hang by the Wall	VAUGHAN-WILLIAMS
My Love's an Arbutus	STANFORD
Come, Gentle Night	ELGAR
Eyes of Night	GRAHAM PEEL
O, Willow, Willow (Folk Song)	arr. WHITTAKER
Early one Morning	HEALEY WILLAN
Folk Songs, from "A Selection of Collected Folk Songs," C. SHARP and VAUGHAN-WILLIAMS (Novello).	

TENOR

And Shall Trelawney Die ? (Oxford University Press)	GORDON SLATER
The Wind Mill	COLIN TAYLOR

When as the Rye	P. WARLOCK
Laughing Song	GORDON JACOB
The Talisman	SCHUMANN
Caro mio ben	GIORDANI
Farewell, Dearest Gretchen	GADE
Vieille Chanson (In the Woods) (Key F)	BIZET
Serenade	SCHUBERT
A Last Year's Rose	R. QUILTER
My Lovely Celia—Old English air	arr. by LANE WILSON
Tell Me, My Heart (E flat)	BISHOP

Folk Songs, from "A Selection of Collected Folk Songs," C. SHARP and VAUGHAN-WILLIAMS (Novello).

BARITONE

The Self-Banished	BLOW
Fairest Isle (Golden Treasury)	PURCELL
Song of the Imprisoned Huntsman	SCHUBERT
Slumber, Dear Maid (Largo)	HANDEL
The Ploughboy	WM. SHIELD
(Oxford University Press)	
O, Sweet Flower	COOPER
Published together (Oxford Choral Songs)	
or	
There is a Lady	FORD
The Jolly Carter	arr. by E. J. MOERAN
(Oxford Press)	
Love Me or Not	SECCHI
In Summer Time on Bredon	GRAHAM PEEL
A Lower's Garland	C. H. PARRY
Souvenir	CÉSAR FRANCK

Folk Songs, from "A Selection of Collected Folk Songs," C. SHARP and VAUGHAN-WILLIAMS (Novello).

BASS

The Sandman	BRAHMS
When Two That Love are Parted	SECCHI
For the Mountains Shall Depart (from Elijah)	MENDELSSOHN
An Old English Love Song	LANE WILSON
The Fisher Maiden (Key F)	SCHUBERT
Sun of the Sleepless	SCHUMANN

Folk Songs, from "A Selection of Collected Folk Songs," C. SHARP and VAUGHAN-WILLIAMS (Novello).

ELEMENTARY GRADE

No written examination in theory need have been passed by candidates before entering for this examination.

1. *Technical Studies.* See special set of technical exercises, scales and arpeggios referred to on page 2199.

Candidates must be able to sing with or without accompaniment (at the discretion of the examiner) in the various keys suited to the individual voice, all those exercises arranged for this particular Grade.

2. *Ear Tests.* With any note chosen by the examiner about the middle of the keyboard as the lower note, to distinguish between the major or minor 3rd, perfect 5th and perfect octave from that note.

3. *Reading at Sight.* See specimen on the same page as technical exercises.

4. *Prepared Work.* Studies.

SOPRANO AND MEZZO-SOPRANO

Any three from No. 1 to No. 12.
24 Little Solfeggios from Beginner's Appendix — VITTORIO RICCI

Pieces (which may be transposed to the extent of a tone higher or lower).

A. Any two of the following:—

Songs for the Young. (Augener Edition No. 8931). — BRAHMS
Popular Nursery Songs, arranged by (Augener Edition No. 8886)
Six Children's Songs, Op. 59 — ARENSKY
(Published by Breitkopf & Haertel)
Six Little Songs (Augener Edution No. 8952) — WECKERLIN
Seven Children's Songs (Augener Edition No. 8833) — GRIEG
It was a Lover and his Lass — MORLEY
The Sandman — BRAHMS
Six Songs (Joseph Williams) — W. H. HADOW
Who is Sylvia — SCHUBERT
Elizabethan Love Songs (Boosey & Co.) arranged — F. KEEL

B. Any one of the following Folk Songs, from "A Selection of Collected Folk Songs," C. SHARP and VAUGHAN-WILLIAMS (Novello); "The Fox," "The Holly and the Ivy," "As I Walked Through the Meadows," "Dashing Away With the Smoothing Iron," "I Will Give My Love an Apple," "I'm Seventeen Come Sunday," "William Taylor."

5. *Questions.* Questions will be asked on notes, rests, marks of expression and time of pieces and studies, also on key signatures, etc.

The attention of candidates is drawn to the system of marking and directions given below.

Marks

The following system of markings will be adopted:—

	Elementary and Junior Grades	Intermediate Senior and Highest Grades
Posture and Facial Expression	8	8
Intonation	8	10
Accuracy as to Notes and Rests	10	..
Breath Control, Production of Voice	10	12
Blending of Registers	6	6
Attack	8	8
Diction	8	10
Expression, Phrasing, etc	8	10
Reading at Sight	10	8
Ear Tests	8	10
Scales and Arpeggios	10	10
Questions	6	8
Total	100	100

Pass Marks 60-69. Honours 70-79. Distinction 80-89. High Distinction 90-94. Very High Distinction 95-100.

DIRECTIONS TO CANDIDATES

1. Candidates must bring an accompanist, who, however, must retire from the examination room directly the prepared pieces which need accompaniment have been rendered.

2. A complete set of the technical exercises, scales and arpeggios required for all the five grades can be obtained at a cost of 25c, post free, from the Secretary at the McGill University Conservatorium of Music, Montreal.

3. Candidates should be provided with two copies of each of the studies and pieces.

4. In all grades, songs can be sung by candidates *with either the original words or a translation.*

GENERAL SCHOOL EXAMINATION IN INSTRUMENTAL OR VOCAL INSTRUCTION

On application to the Secretary, McGill University Conservatorium of Music, Montreal, a general school examination can be arranged for any time during the year. The expense must, of course, vary according to the length of the railway journey the Examiner has to take. Due notice should, therefore, be given to the Secretary, so that he may be able to arrange the visit of the Examiner at a time when he is somewhere in the district, when the fee will be $20.00 for the first hour and $10.00 for each succeeding hour. Not less than one hour can be arranged for. It is understood that no individual reports will be sent in on the work submitted but only a general report made on each branch of music. (Class singing, referred to hereafter, may be taken as one branch of this examination.)

INSTRUMENTAL ENSEMBLE EXAMINATION

Classes of strings or wind *or* strings *and* wind combined may be entered.

Examinations are also held in:

PIANOFORTE CLASS WORK and CLASS SINGING EXAMINATION

This examination is not necessarily confined to an examination at a school. Any teacher may enter a class for examination. A short general report will be rendered to the person who enters the class for examination, and the details of the report will be given on the following lines:—

Accuracy as to Notes, Rests, etc.
Maintenance of Pitch.
Balancing of Parts and Groupings of Voices.
Articulation and Pronunciation.
Quality of Tone.
Expression and Conception of the works performed.
Sight Singing.
*Performance of Vocal Exercises.

REQUIREMENTS

1. The class must sing the vocal exercises prescribed, each group of the voices singing them separately in the keys best suited to the voices.*

*These exercises can be obtained on separate sheets from the Secretary, McGill University Conservatorium of Music, price 25c. per dozen, post free, on receipt of remittance.

2. At least two short compositions of different character and not in unison must have been previously prepared.

3. Sight Singing from the staff notation.

Three short tests of varying difficulty will be given.

REGULATIONS FOR THE DEGREE OF DOCTOR OF MUSIC

Bachelors of Music of McGill University, after a lapse of a period of seven years from the time of taking the degree of Bachelor of Music, may proceed to the Degree of Doctor of Music (Mus.D.). Candidates must present:

1. A composition scored for full orchestra in the form of a symphony, symphonic poem or tone poem occupying not less than thirty minutes in performance;

or

2. A composition such as an opera (not light opera), oratorio or cantata. In the event of a work under section 2 being offered, the first number must be an introductory orchestral movement in the form of a concert overture; the work must contain some eight part vocal writing and fugal treatment and must be scored for a full orchestra.

The Candidate must submit with the exercise a Declaration, signed by himself, that the work is his own unaided composition. The University may, if it elects to do so, order the candidate to give a public performance of this original and unaided composition, when approved by the examiners, in some public building connected with the University. In addition, an examination in the higher forms of composition is necessary, together with a critical knowledge of the full scores of certain prescribed works.

Graduates in music of other Universities can, on payment of the necessary fees, be admitted "ad eundem" to the Degree of Mus.B., if they wish to proceed to the further degree of Mus.D., provided they secure permission to do so from the Dean of the Faculty of Graduate Studies and Research. The period of seven years referred to above will be counted from the date on which they received the degree of Bachelor of Music from their own University.

EXAMINATION REQUIREMENTS FOR DEGREE OF DOCTOR OF MUSIC

Harmony up to eight parts.
Counterpoint up to eight parts (strict and free).
Instrumentation.
Fugue up to five parts.
History of Music.
Form and Analysis.

(Latter based on knowledge of Beethoven's nine symphonies, Brahms' first and fourth symphonies, Strauss' Till Eulenspiegel, Op. 28, either Bach's Mass in B minor or Beethoven's Mass in D Op. 123, and Mozart's Magic Flute, or Beethoven's Fidelio, Walton's Viola Concerto, Sibelius' Pohjola's daughter, and Brahms' Academic Overture (Op. 81.)

McGill University

Montreal

Faculty of Divinity

Divinity Hall

1951-1952

ARCHIVES

McGill University



Montreal

Faculty of Divinity

Divinity Hall

1951-1952

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

McGill University

FACULTY OF DIVINITY

ADMINISTRATIVE OFFICERS

THE UNIVERSITY—

F. Cyril James, B.Com., M.A., Ph.D., D.Sc., D.C.L., LL.D., D. de l'U., F.R.S.C., Chevalier de la Légion d'Honneur	*Principal*
John J. O'Neill, M.Sc., Ph.D., F.G.S.A., F.R.S.C.	*Vice-Principal*
S. H. Dobell, D.S.O.	*Comptroller*
William Bentley, C.G.A.	*Bursar*
T. H. Matthews, M.A.	*Registrar*
Richard Pennington, B.A., Lib.Dip.	*University Librarian*
G. A. Grimson, B.Com.	*Chief Accountant*

FACULTY OF DIVINITY—

J. S. Thomson, M.A., D.D., LL.D., F.R.S.C.	*Dean of the Faculty*
W. C. Smith, M.A., Ph.D.	*Secretary of the Faculty*

A complete list of the teaching staff of the University, including the Faculty of Divinity, is printed as a separate announcement, which may be obtained from the Registrar's Office.

The Faculty of Divinity and its theological library and reading room, chapel, classrooms, auditorium, and common rooms are in Divinity Hall, 3520 University Street.

CALENDAR FOR THE SESSION 1951-52

1951

September 18th, Tuesday.....Supplemental examinations begin.

September 28th, Friday and September 29th, Saturday.....Registration.

October 1st, Monday.....Lectures begin

October 6th, Saturday.....Founder's Day. Convocation.

December 21st, Friday.....Last day of lectures in all Faculties and Schools.

1952

January 4th, Friday.....Examinations begin

January 11th, Friday.....Second term begins.

February 15th, Friday
February 16th, Saturday.....Mid-term holidays.

April 11th, Friday to April 14th, Monday (inclusive).....Easter vacation.

April 19th, Saturday.....Lectures end.

April 23rd, Wednesday.....Examinations begin

May 28th, Wednesday.....Convocation.

TEACHING STAFF OF THE FACULTY OF DIVINITY

JAMES SUTHERLAND THOMSON, M.A., D.D. (Glasgow), LL.D. (Washington, Queen's, Toronto, McGill, McMaster, Manitoba, Alberta), F.R.S.C.—
Dean of the Faculty, and J. W. McConnell Professor of the Philosophy and Psychology of Religion

GEORGE BRADFORD CAIRD, M.A. (Cantab.), D.Phil. (Oxon.)
Professor of New Testament Language and Literature

ROBERT BALGARNIE YOUNG SCOTT, M.A., Ph.D. (Tor.), B.D. (Knox), D.D. (Vic.)
Professor of Old Testament Language and Literature

ROBERT HENRY LAWSON SLATER, M.A. (Cantab.), Ph.D. (Columbia)
Professor of Systematic Theology

WILFRED CANTWELL SMITH, B.A. (Tor.), M.A., Ph.D. (Princeton)
W. M. Birks Professor of Comparative Religion

HENRY HORACE WALSH, M.A. (King's), B.D. (General Synod), S.T.M. (General Theological Seminary), Ph.D. (Columbia)
Associate Professor of Church History

THE FACULTY OF DIVINITY

GENERAL

In February, 1948, the Senate of McGill University decided to establish a Faculty of Divinity. Following negotiations with the Montreal Diocesan Theological College, the United Theological College, Montreal, and the Joint Board of Theological Colleges affiliated to McGill University, the Faculty was duly constituted on September 1st, 1948. The formal inauguration took place in Divinity Hall Chapel on October 5th. Rev. R. B. Y. Scott was appointed Dean for the first session, 1948-49. Rev. James S. Thomson succeeded him in June, 1949.

The Faculty of Divinity offers a three-year course leading to the degree of Bachelor of Divinity (B.D.) general or with honours. The basic entrance requirement is a Bachelor's degree from a recognized university, and there are also prerequisites in certain subjects, as noted below. In co-operation with the Faculty of Graduate Studies and Research, the degree of Master of Theology (S.T.M.) is offered. Particulars will be found on page 2316.

The B.D. course provides instruction in the Biblical, Historical, and Theological subjects common to the curricula of theological colleges of the principal churches of Canada, other than the Roman Catholic. Additional training in Practical and Pastoral Theology and in subjects in which a distinctive form of training is required by a particular Communion, will be provided by the participating theological colleges. The Montreal Diocesan Theological College of the Church of England, and the United Theological College of the United Church of Canada will grant their own diplomas on completion of the course for ordination. Students who belong to other Communions should consult their own ecclesiastical authorities before applying to one or other of these colleges for training in the subjects which are required of ordination candidates, but which do not form part of the B.D. course in the Faculty of Divinity.

Any qualified student may apply for admission to the B.D. course.

REQUIREMENTS FOR ADMISSION

A Bachelor's degree from a recognized university, preferably that of B.A., is the basic prerequisite.

It is also normally required that the following courses shall have been completed in the Faculty of Arts and Science of McGill University, or their equivalent in another recognized university:

Courses are designated as in the Announcement of the Faculty of Arts and Science.

Latin:	Senior Matriculation Latin, or Latin 1 or 1A.
Greek:	Junior Matriculation Greek, or Greek 1S, followed by one additional course which may be carried concurrently with B.D. 1.
Philosophy:	Philosophy 2 and one additional course.
History:	One course in Ancient History, and one course in European History.
English:	English 100, and one additional course.
Natural Sciences:	One course.
Social Sciences:	A course in one of the following: Economics Political Science Sociology Social Anthropology Psychology

Applicants who have not completed all the above subject requirements, or who are in doubt as to the recognition as equivalents of courses taken elsewhere than at McGill, should consult the Dean. It may be necessary for them to take certain qualifying courses for admission to the B.D. course. The Dean may exercise his discretion in the case of students of demonstrated ability whose course for their Bachelor's degree has not followed the normal pattern outlined above.

ADVANCED STANDING

Admission to advanced standing in the B.D. course may be granted to suitable applicants from recognized institutions, but in no case will the B.D. degree be granted after less than two years' intramural study in the Faculty of Divinity.

APPLICATION AND REGISTRATION

Intending students of the Faculty of Divinity must submit to the Dean an application with supporting documents by September 17th, 1951. Requests for the necessary application forms should be sent to the Dean's Secretary, Divinity Hall, 3520 University St., Montreal 2.

Registration will take place at the Office of the Dean on September 28th and 29th, 1951. After September 29th students registering will be required to pay a special fee for late registration unless exempted by the Dean for sufficient reasons.

CLASSES OF STUDENT

(i) **Regular** Students who are admitted to the B.D. course and who are taking the full number of lecture courses of the year in which they are enrolled.

(ii) **Limited** Students who are admitted to the B.D. course, but who are unable to carry concurrently the full work of the B.D. curriculum and also the courses in Practical Theology provided by the colleges for candidates for ordination, or who, not being ordination candidates, have good reason to ask for extension. Such students may, with the Dean's permission, extend their course for the B.D. degree beyond the normal period of three years.

(iii) **Partial** Students who are not registered as proceeding to the B.D. degree, but who can satisfy the Dean and Faculty of their ability to do the work of the courses to which they seek admission. Ordination candidates registered in one of the participating colleges, and who are not eligible for entrance to the B.D. course, will be advised by the Principal of the College as to the courses of the B.D. curriculum to which they should seek admission as Partial students.

(iv) **Graduate** Students enrolled in the Faculty of Graduate Studies and Research who are candidates for the degree of S.T.M.

FEES

(1) Regular and Limited students in the Faculty of Divinity who are candidates for ordination registered in one of the participating theological colleges, will be exempted from payment of tuition fees, in view of the contribution of the colleges to the support of the Faculty. Such students will, however, be required to pay the annual Health Service fee, $7.00 (if in residence, $10.00), Athletics fee, $15.00, and the Students' Society fee, $15.00.

(2) The University fee for all other full-time students will be $250.00 a session, and for Limited students, $72.00 per course. This fee includes all charges for tuition, health service, registration, libraries, sports, games, and graduation. The only additional fee is the compulsory Students' Society fee of $15.00 per session.

(3) Partial students not candidates for ordination, who are taking one or two courses, will pay $72.00 for each full course, $7.00 Health Service fee (if in residence, $10.00), $5.00 Grounds fee, and $5.00 to the Students' Society ($3.50 for the use of the McGill Union, and $1.50 for the McGill Daily). If taking three or more courses, such students will pay the full Students' Society fee, $15.00.

(4) Partial students who are candidates for ordination registered in one of the participating theological colleges will be exempted from payment of tuition fees, but will pay the Health Service fee, $7.00 (if in residence $10.00), the Grounds fee, $5.00, and the Students' Society fee, $15.00.

(5) Fees for Graduate students are shown in the Announcement of the Faculty of Graduate Studies and Research. Particulars may be had on application.

For further information about the payment of fees, consult the General Information Pamphlet included with this Announcement.

EXAMINATIONS

Mid-sessional examinations are held in January in half-courses completed in the first term, and interim tests in full courses may be held at the same time. Final sessional examinations are held late in April.

The pass mark in all examinations is 50%. First class standing is 80% and over, second class standing 65% to 79%, and third class standing 50% to 64%.

FAILURES AND SUPPLEMENTAL EXAMINATIONS

A student who has failed in a mid-sessional or sessional examination may apply to write a supplemental examination in the following September. A student who has failed in more than two full courses must withdraw from the Faculty or, with the Dean's permission, repeat his year.

CONDITIONED STANDING

A student who lacks not more than one full course of the entrance requirements to any year of the B.D. course, may be admitted by the Faculty with conditioned standing. He is not permitted to carry this condition for more than one session.

CURRICULUM FOR THE GENERAL B.D. DEGREE

FIRST YEAR

Comparative Religion.....3 hours, session
Church History.....3 hours, session
Old Testament.....3 hours, session
New Testament.....3 hours, session
Philosophy of Religion.....3 hours, first term
Systematic Theology.....3 hours, second term

Total lecture periods: 15 hours per week, first term
15 hours per week, second term

SECOND YEAR

Old Testament.....3 hours, first term
New Testament.....3 hours, second term
Church History.....3 hours, session
Systematic Theology.....3 hours, session
Philosophy of Religion.....3 hours, second term
Psychology of Religion.....3 hours, first term

Total lecture periods: 12 hours per week, first term
12 hours per week, second term

THIRD YEAR

Old Testament.....3 hours, first term
New Testament.....3 hours, session
Systematic Theology.....3 hours, session
Christian Ethics.....3 hours, first term
Philosophy of Religion.....3 hours, second term

Total lecture periods: 12 hours per week, first term
9 hours per week, second term, with additional tutorials

The presentation of an acceptable thesis embodying the results of specialized study is a requirement for the B.D. degree.

DEGREE OF B.D. WITH HONOURS

The degree of Bachelor of Divinity *with honours* will be conferred on candidates who fulfil the requirements.

The purpose of the *honours* award is to recognize the outstanding attainments of qualified candidates who complete specially prescribed courses of study and pass the necessary examinations *on a high standard*. The special courses are designed to provide an opportunity for able and promising students to become well trained on the basis of particular interest and capacity in one of the theological disciplines.

Candidates for the degree with honours are usually also students in preparation for ordination to the Holy Ministry; consequently, in the curriculum prescribed for the award of honours, there is no modification of the broad general training in all the theological disciplines, which is necessary for the future vocation of such candidates, and which is prescribed by ecclesiastical regulations. The Honours course attempts to combine the interests of special scholarship with those of general theological education. The standard of attainment must be high alike in the general curriculum and in the *honours* subject.

REGULATIONS FOR THE B.D. WITH HONOURS

(1) Honours may be awarded in any one of the following six departments of study—Old Testament, New Testament, Church History, Systematic Theology, Philosophy of Religion, Comparative Religion.

(2) A candidate must apply for admission to an honours course in one of the six departments of study, which will then be designated as his *major* subject. He will also be required to undertake special studies in one other related department, which will be designated as his *minor* subject.

He must undertake advanced studies in his *major* subject during the second and third years of his course, and in his *minor* subject during the second or third year (normally the latter).

At the close of the third year, the candidate must submit the thesis required of all candidates for the B.D. degree, but it must be connected with his major subject and must be of a more substantial character than for the ordinary degree. (See Regulations for B.D. thesis, page 2315.)

(3) A candidate should apply for admission to an honours course normally at the completion of the first year of his studies for the B.D. degree. To be qualified, he must have obtained during his first year

(a) A high general average attainment in all subjects (Not less than 70%).

(b) *First Class* standing in his major subject.

A candidate for honours in Old Testament must have taken a full course in Hebrew during his first year or previously, and have attained at least second-class standing in that language. A prospective candidate for honours in Old Testament who has completed the requirement in Hebrew before entering his first year will be given a tutorial course (including Hebrew) in lieu of Hebrew I.

Admission of an applicant to an honours course will be granted by the Faculty on the recommendation of the professor whose department of study is selected as the major subject.

(4) A candidate must continue to maintain the qualifying standard of achievement (see previous regulation) during his second and third years. If he fails to do so, special adjustments may be made to permit him to complete requirements for the general degree, provided in the opinion of the Faculty, his attainments are satisfactory.

(5) The advanced courses of study in the major and minor subjects will be prescribed and directed by the professors concerned and may consist of work additional to the studies required by candidates for the general degree or of special work of an advanced character substituted for the general course.

A candidate must also attend lectures and pass the prescribed examinations in all the subjects (other than his major and minor subjects) which are required for the general B.D. degree, except as follows:

(a) Reading course in each of two half-courses (normally of the third year) in the general curriculum may be substituted for attendance at the lectures, these courses to be followed by a qualifying paper, which may consist of an essay or an examination, at the discretion of the professor concerned. Such qualifying papers may be written at any time during the honours course.

(b) When the candidate has selected Church History or Comparative Religion as his major subject, or when the combination of major and minor subjects creates a specially heavy assignment of prescribed studies, he may apply to be exempted from one half-course of the general curriculum (usually in the third year), but, in no case can this exemption be granted from courses in the New Testament or Systematic Theology.

(6) The award of Honours will be made by the Faculty on the recommendation of the Dean and the professor of his major subject, who will base their judgment on the candidate's whole record during his entire course of study in the Faculty of Divinity.

DESCRIPTION OF COURSES

OLD TESTAMENT

Professor R. B. Y. Scott

OLD TESTAMENT 1a—AN INTRODUCTION TO OLD TESTAMENT STUDIES

English translations from the original texts; the Canon; history and religion of the Hebrew kingdoms; composition of the Pentateuch.

First year .....3 hours, first term

OLD TESTAMENT 1b—OLD TESTAMENT PROPHECY

The rise of prophecy and development of the Prophetic Literature; the emergence of Apocalyptic writings.

First year.....3 hours, second term

OLD TESTAMENT 2a—POETIC AND WISDOM LITERATURE

The nature of Hebrew poetry; study of the Books of Psalms, Job, Proverbs, and Ecclesiastes.

Second year.....3 hours, first term

OLD TESTAMENT 3a—OLD TESTAMENT THEOLOGY

The changing and the permanent in Old Testament religion, theology, and ethics; the Old Testament in relation to the New Testament.

Third year .....3 hours, first term

HEBREW 1—INTRODUCTORY HEBREW GRAMMAR AND COMPOSITION

Reading of selections from Genesis.

Any year .....3 hours, session

HEBREW 2—GRAMMAR AND SYNTAX

Reading of Ruth and Amos.

Any year .....3 hours, session

NEW TESTAMENT

Professor G. B. Caird

NEW TESTAMENT 1—INTRODUCTION TO NEW TESTAMENT STUDIES

The political and religious background; the canon, text, and versions of the New Testament; the Synoptic Problem; text of the Synoptic Gospels and the Acts of the Apostles.

First year.....3 hours, session

NEW TESTAMENT 2b—THE LIFE AND TEACHING OF ST. PAUL

Introduction to the Pauline Epistles, with exegesis of selected portions in Greek; introduction to the Pastoral Epistles.

Second year.....3 hours, second term

NEW TESTAMENT 3—THE EPISTLE TO THE HEBREWS; THE GENERAL EPISTLES, AND THE JOHANNINE LITERATURE

Introduction, with exegesis of selected portions in Greek.

Third year.....3 hours, session

CHURCH HISTORY

Associate Professor H. H. WALSH

CHURCH HISTORY 1a—THE FIRST FIVE CENTURIES

The world in which the Church was founded, and the Christian development.

First year.....3 hours, first term

CHURCH HISTORY 1b—THE CHURCH IN THE MIDDLE AGES

From the Teutonic invasions to the Reforming Councils.

First year.....3 hours, second term

CHURCH HISTORY 2a—THE REFORMATION AND THE COUNTER-REFORMATION TO THE 18TH CENTURY

A brief survey of the Eastern Churches and of missionary activity during this era will be included.

Second year.....3 hours, first term

CHURCH HISTORY 2b—HISTORY OF THE MODERN CHURCH

European Christianity from the 18th Century; the world-wide expansion of Christianity with special reference to the Ecumenical Movement. An introduction to Canadian Church History.

Second year.....3 hours, second term

SYSTEMATIC THEOLOGY

Professor R. H. L. SLATER

SYSTEMATIC THEOLOGY 1b—HISTORICAL INTRODUCTION TO CHRISTIAN THEOLOGY

Illustrating the development of Christian thought by reference to selected works of the great theologians of the past.

First year.....3 hours, second term

SYSTEMATIC THEOLOGY 2—THE STRUCTURE OF CHRISTIAN THEOLOGY

The function and sources of Theology; God and the World; Sin; Redemption in Christ; the Incarnation; the Atonement.

Second year.....3 hours, session

SYSTEMATIC THEOLOGY 3—THE STRUCTURE OF CHRISTIAN THEOLOGY (continued)

The Holy Spirit; the Holy Trinity; the Church; the Sacraments; the Future Life.

Third year.....3 hours, session

PHILOSOPHY AND PSYCHOLOGY OF RELIGION

Professor J. S. THOMSON

PHILOSOPHY OF RELIGION 1a—INTRODUCTION TO THE PHILOSOPHY OF RELIGION

An introductory study of the nature of religious belief with an examination of its validity. Religious faith considered as the basis for a philosophy of life and an interpretation of the world, including moral and other values.

First year.....3 hours, first term

PSYCHOLOGY OF RELIGION 2a—INTRODUCTION TO THE PSYCHOLOGY OF RELIGION

A psychological analysis of the various forms of religious experience, including emotion, belief, and conduct. The place of religion in human life, related to the general outline of our nature and abilities as portrayed by psychological study. The nature of religious education, conversion, prayer, worship, and persuasion. A study of mysticism. The place of religion in the psychiatric treatment of mental and moral illness.

Second year.....3 hours, first term

PHILOSOPHY OF RELIGION 2b—A STUDY OF THE PROBLEMS OF RELIGIOUS FAITH

The problems of pain and evil. An examination of the relation of religious beliefs to science, secularism, and materialism.

Second year.....3 hours, second term

PHILOSOPHY OF RELIGION 3b—RELIGIOUS FAITH IN THE CONTEMPORARY WORLD

An examination of religion in relation to movements in the current moral and intellectual environment.

Third year.....3 hours, second term

COMPARATIVE RELIGION

Professor W. C. SMITH

COMPARATIVE RELIGION 1a—RELIGION IN THE ORIENT

A prefatory general survey of the field. After reference to the religion of pre-historic man and of modern non-literate societies, synoptic introductions to the great religions of the Orient, ancient and modern.

First year.....3 hours, first term

COMPARATIVE RELIGION 1b—RELIGION IN THE ORIENT (continued)

A fuller study of one of the Oriental religions: its teachings, institutions, and cultural achievements, so as to understand both the historical

development, and what the religion means to its adherents to-day. For such study, the particular religion selected will be:

1951—*Islam*
1952—*The religion of the Hindus*

Second year.....3 hours, second term

Honours courses will be offered in Comparative Religion proper, philosophic and systematic. Further, instruction can be arranged in the basic languages of Islam (Arabic, Persian, Urdu) and, at an elementary level, of Hinduism (Hindi and, in the Faculty of Graduate Studies, Department of Classics, Sanskrit).

CHRISTIAN ETHICS

Lecturer R. H. L. SLATER

CHRISTIAN ETHICS 3a—AN INTRODUCTORY STUDY

Christian ethical principles and their application to present day problems.

Third year.....3 hours, first term

REGULATIONS FOR THE SUBMISSION OF THE B.D. THESIS

(1) The presentation of an acceptable thesis is a requirement for the award of the degree.

(2) Preparation of the thesis is to be regarded as an integral part of the course of studies required for the degree, whereby the candidate is given an opportunity to devote himself with personal originality and initiative to the study of some particular subject and thus to attest his worth and capacity as a responsible scholar. The thesis must be the candidate's own original work, and should display a real grasp of the selected subject, with an ability to organize the necessary material and to present it in an effective manner.

(3) The thesis shall deal with some special aspect of theological study, and its subject should be chosen in consultation with the professor who is responsible for the department of study within which the proposed subject falls. When the subject is related to two departments, both professors should be consulted. Thereafter the subject must be approved by the Faculty.

Normally the subject of the thesis should be chosen at the end of the second year of the course. Thereafter, the candidate should confer from time to time, as directed, on the progress of the work, with the professor

or professors concerned, but it should be understood that the thesis cannot be approved as acceptable either in its parts or as a whole until the complete thesis is finally presented to the Faculty.

(4) Normally, a thesis presented for the general degree should contain from 10,000 to 15,000 words. A thesis for the degree with honours should be of a more substantial character in matter and length, and should contain from 15,000 to 20,000 words. An analytical table of contents and a bibliography should be displayed. Authorities and references should be precisely cited in foot-notes. Excessive quotation should be avoided. It is essential that literary form and style should be of a worthy standard.

(5) The latest dates at which theses can be presented for final acceptance are:

For candidates intending to proceed to the degree at the Spring Convocation—March 31st.

For candidates intending to proceed to the degree at the Fall Convocation—August 31st.

GRADUATE STUDIES

The Faculty of Graduate Studies and Research directs and controls all courses leading to higher degrees and recommends candidates for these degrees. This arrangement includes graduate studies and research in Divinity.

The Faculty offers courses leading to the degree of Master of Theology (S.T.M.). Candidates must be graduates in Arts and must also hold the degree of B.D. or its equivalent. They must be in full-time residence at McGill University for at least one full academic session or two half-sessions, during which time they will perform the work and pass required examinations on an appropriate standard in assigned courses. A candidate must present a thesis on some topic connected with his major subject.

Full regulations and other information will be found in the Announcement of the Faculty of Graduate Studies and Research, which may be obtained on application to the Office of the Dean

BURSARIES, SCHOLARSHIPS, AND PRIZES

1. AWARDED BY THE FACULTY OF DIVINITY

W. M. Birks Scholarships—Three W. M. Birks scholarships are awarded by the Faculty of Divinity, viz:

Entrance Scholarship—$250, to be awarded to the most outstanding and promising student entering the first year of the B.D. course. Applications must be made by 30th June, 1951, to the Dean.

Two Scholarships, each of $100, to be awarded to the most outstanding students at the end of the first and second years of the B.D. course respectively. They will be tenable during the second and third years of attendance.

N.B. In addition to the above amounts, students of participating Churches receive free tuition.

W. M. Birks Fellowship—$750, to be awarded to the most outstanding student who applies for the S.T.M. course. Applications must be made by 31st May, 1951, to the Dean.

2. AWARDED BY THE THEOLOGICAL COLLEGE

Particulars concerning Bursaries, Scholarships, and Prizes open to students registered in the participating theological colleges are set out in the calendars of these institutions, which may be had on application to the respective Principals (see below).

PARTICIPATING THEOLOGICAL COLLEGES

ADDITIONAL COURSES FOR ORDINANDS

The Montreal Diocesan Theological College of the Church of England and the United Theological College of the United Church of Canada are affiliated to McGill University, and participate in the support of the Faculty of Divinity. The professors of the Faculty of Divinity who are members of one or other of these communions, may be also members of the faculty in one of the theological colleges. Students in the Faculty of Divinity who are candidates for ordination in the Church of England or in the United Church of Canada must be registered also in their respective colleges, where they will receive such practical and other training as is required of candidates for ordination, but which is not part of the course for the B.D. degree in McGill University.

The Montreal Diocesan Theological College and residence is situated at 3473 University St.; the Principal is Rev. W. A. Ferguson, M.A., B.D., D.D.

The United Theological College and residence is situated at 3508 University St.; the Principal is Rev. G. G. D. Kilpatrick, D.D., LL.D., D.C.L.

McGILL UNIVERSITY

McGill University

Montreal

Faculty of Graduate Studies and Research

1951-1952

McGill University

Montreal

Faculty of Graduate Studies and Research

1951-1952

2683
2686
2603

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

INDEX

	Page
Administrative Officers	2607
Admission	2611
Civil Servants	2622
Classes of Students	2612
Classification of Marks	2621
Cognate Subjects	2620
Committee on Research	2607
Degrees	2614
Departments of Study—	
Agronomy	2635
Air Law	2624, 2687
Anatomy	2636
Architecture	2637
Bacteriology	2637
Bacteriology (Agricultural)	2633
Biochemistry	2639
Botany	2640
Chemical Engineering	2641
Chemistry	2642
Chemistry (Agricultural)	2634
Civil Engineering and Applied Mechanics	2647
Classics	2647
Comparative Philology	2648
Divinity	2648
Economics and Political Science	2649
Education	2653
Electrical Engineering	2654
English	2659
Entomology	2663
French	2666
Genetics	2671
Geography	2674
Geological Sciences	2677
German	2681
Greek	2647
History	2683
Horticulture	2686

	Page
Latin	2647
Law	2624, 2687
Mathematics	2688
Mechanical Engineering	2693
Medicine (Experimental)	2664
Metallurgical Engineering	2695
Meteorology	2676
Mining Engineering	2696
Neurology and Neurosurgery	2697
Nutrition	2698
Parasitology	2699
Pathology	2700
Pharmacology	2701
Philosophy	2702
Physics	2703
Physics (Macdonald College)	2710
Physiology	2710
Plant Pathology	2711
Poultry Husbandry	2712
Psychiatry	2713
Psychology	2714
Social Work	2625, 2718
Sociology	2718
Surgery (Experimental)	2666
Theological Studies	2625, 2648
Zoology	2720
Faculty Members	2608
Fees	2615
Fellowships, Scholarships and Medals	2614
French Summer School	2668
General Rules	2619
General Statement	2611
Graduate Record Examination	2611
Libraries	2723
Language Examinations, Ph.D	2628
Macdonald College Courses	2614
Marks, Classification of	2621

	PAGE
Members of the Faculty	2608
Ph.D. Language Examinations	2628
Ph.D. Preliminary Examinations	2628
Postgraduate Students' Society	2619
Registration	2612
Regulations concerning Theses	2631
Regulations for Degrees—	
Doctor of Civil Law (D.C.L.)	2629
" " Music (Mus.D.)	2630
" " Philosophy (Ph.D.)	2626
" " Science (Applied)	2626
Master of Architecture (M.Arch.)	2624
" " Arts (M.A.)	2622
" " Civil Law (M.C.L.)	2624
" " Commerce (M.Com.)	2624
" " Engineering (M.Eng.)	2623
" " Laws (LL.M.)	2624
" " Science (Applied)	2625
" " Science (M.Sc.)	2623
" " Social Work (M.S.W.)	2625
" " Theology (S.T.M.)	2625
Research Associates	2610, 2619
Research, Committee on	2607
Research Fellows	2610, 2619
Resident Graduate Study	2619
Rules, General	2619
Scholarships	2614
Theses	2631
Tuition Fees	2615

UNIVERSITY LIBRARY

McGill University

FACULTY OF GRADUATE STUDIES AND RESEARCH

F. Cyril James, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D.C.L. (Bishop's), LL.D. (Queen's, Toronto, London, New York, etc.), D. de l'U. (Montréal), F.R.S.C., Chevalier de la Légion d'Honneur
Principal

John J. O'Neill, Ph.D. (Yale), M.Sc., F.G.S.A., F.R.S.C. *Vice-Principal*

David L. Thomson, M.A.(Aberdeen), Ph.D.(Cantab.), LL.D.(Middlebury), F.R.S.C.
Dean of the Faculty of Graduate Studies and Research

John Hughes, M.A. (Wales) *Secretary of the Faculty of Graduate Studies and Research*

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A. *Bursar*

T. H. Matthews, M.A. (Oxon.) *Registrar*

G. A. Grimson, B.Com. *Chief Accountant*

A complete list of the teaching staff of the University, including the Faculty of Graduate Studies and Research, is printed as a separate announcement, which may be obtained from the Registrar's Office.

COMMITTEE ON RESEARCH

Dean D. L. Thomson, *Chairman*

Professor R. A. Chipman
Professor W. A. DeLong
Professor W. L. Graff
Professor F. K. Hare
Professor F. C. MacIntosh
Professor J. R. Mallory
Professor John Stanley
Professor P. R. Wallace

MEMBERS OF THE FACULTY

Professor D. L. Thomson (Biochemistry)—*Dean*
Professor E. R. Adair (History)
Professor N. J. Berrill (Zoology)
Professor John Bland (Architecture)
Professor J. W. Boyes (Genetics)
Professor J. S. L. Browne (Medicine)
Professor A. S. V. Burgen (Physiology)
Professor G. L. Burton (Agricultural Economics)
Professor T. W. M. Cameron (Parasitology)
Professor C. H. Carruthers (Classics)
Professor R. A. Chipman (Electrical Engineering)
Professor T. H. Clark (Geology)
Professor R. H. Common (Agricultural Chemistry)
Professor J. I. Cooper (History)
Professor J. G. Coulson (Plant Pathology)
Professor E. W. Crampton (Nutrition)
Professor A. B. Currie (Education)
Professor C. A. Dawson (Sociology)
Professor W. A. DeLong (Agricultural Chemistry)
Professor G. Lyman Duff (Pathology)
Professor E. M. DuPorte (Entomology)
Professor G. I. Duthie (English)
Professor K. A. Evelyn (Experimental Medicine)
Professor G. A. Ferguson (Psychology)
Professor H. N. Fieldhouse (History)
Professor H. G. Files (English)
Professor J. S. Foster (Physics)
Professor R. D. Gibbs (Botany)
Professor J. E. Gill (Geology)
Professor W. L. Graff (German)
Professor P. H. H. Gray (Agricultural Bacteriology)
Professor Oswald Hall (Sociology)
Professor F. K. Hare (Geography)
Professor R. D. H. Heard (Biochemistry)
Professor D. O. Hebb (Psychology)
Professor B. H. Higgins (Economics)

PROFESSOR F. S. HOWES (Electrical Engineering)
PROFESSOR JOHN HUGHES (Education)
PROFESSOR R. E. JAMIESON (Civil Engineering)
PROFESSOR H. H. JASPER (Neurology)
PROFESSOR B. S. KEIRSTEAD (Economics and Political Science)
PROFESSOR RAYMOND KLIBANSKY (Philosophy)
PROFESSOR J. E. L. LAUNAY (French)
PROFESSOR C. P. LEBLOND (Anatomy)
PROFESSOR J. U. MACEWAN (Metallurgy)
PROFESSOR D. L. MACFARLANE (Agricultural Economics)
PROFESSOR F. C. MACINTOSH (Physiology)
PROFESSOR R. D. MACLENNAN (Philosophy)
PROFESSOR OTTO MAASS (Chemistry)
PROFESSOR J. R. MALLORY (Political Science)
PROFESSOR J. S. MARSHALL (Physics)
PROFESSOR D. L. MORDELL (Mechanical Engineering)
PROFESSOR R. H. MORE (Pathology)
PROFESSOR E. G. D. MURRAY (Bacteriology)
PROFESSOR H. R. MURRAY (Horticulture)
PROFESSOR P. C. NARDIN (French)
PROFESSOR R. V. V. NICHOLLS (Chemistry)
PROFESSOR A. S. NOAD (English)
PROFESSOR W. F. OLIVER (Physics, Macdonald College)
PROFESSOR WILDER PENFIELD (Neurology)
MR. RICHARD PENNINGTON (University Librarian)
PROFESSOR J. B. PHILLIPS (Chemical Engineering)
PROFESSOR C. B. PURVES (Chemistry)
PROFESSOR J. H. QUASTEL (Biochemistry)
PROFESSOR L. C. RAYMOND (Agronomy)
PROFESSOR C. A. ROBB (Mechanical Engineering)
PROFESSOR MURIEL V. ROSCOE (Botany)
PROFESSOR F. R. SCOTT (Law)
PROFESSOR A. N. SHAW (Physics)
PROFESSOR H. SPENCE-SALES (Architecture)
PROFESSOR JOHN STANLEY (Zoology)
PROFESSOR J. S. THOMSON (Theology)
PROFESSOR ELEANOR H. VENNING (Medicine)
PROFESSOR P. R. WALLACE (Mathematics)

PROFESSOR F. M. WATKINS (Political Science)
PROFESSOR D. R. WEBSTER (Experimental Surgery)
PROFESSOR E. C. WEBSTER (Psychology)
PROFESSOR W. L. G. WILLIAMS (Mathematics)
PROFESSOR C. A. WINKLER (Chemistry)
PROFESSOR H. D. WOODS (Economics)
PROFESSOR G. A. WOONTON (Physics)
PROFESSOR H. ZASSENHAUS (Mathematics)

RESEARCH FELLOW

1950-51

HECTOR MORTIMER, M.B., Ch.B. (Aberdeen), F.R.C.S. (Ed.) *Medicine*

RESEARCH ASSOCIATES

1950-51

DOUGLAS, DONALD, M.A. (Sask.), Ph.D.	*Physics*
GLEGG, R. E., Ph.D.	*Anatomy*
GUNN, K.L.S., B.A. (U.W.O.), Ph.D.	*Physics*
HITSCHFELD, W., B.A.(Tor.), Ph.D.	*Physics*
MANKIEWICZ, Mrs. E., L.-ès-Sc., M.D. (Lyon)	*Bacteriology*
PAYNE, T. P. B., M.D., Ph.D.	*Pathology*
SCHURCH, A. F., D.Sc.Tech. (Zurich)	*Nutrition*
SMITH, A. A., Ph.D.	*Psychiatry*
TELFORD, W. M., Ph.D.	*Physics*
THOMPSON, A. L., B.A. (Bishop's), Ph.D.	*Physics*
TURNER, C. H. M., M.A.(Oxon.)	*Physics*

GENERAL STATEMENT

1. The Faculty of Graduate Studies and Research directs and controls all courses leading to higher degrees and recommends candidates for these degrees.

2. The members of the Faculty are appointed annually by the University Committee on Research (see page 2607) from among those members of the staff who are most active in research or in the training of graduate students. Under the University Statutes this Committee is responsible, jointly with the Graduate Faculty, for organizing and coordinating programmes and courses of research. The Dean of the Faculty is Chairman of the Committee.

ADMISSION

3. Advanced courses of instruction are offered to students who are graduates of any university of recognized standing, and who have at least second class honours, or the equivalent of at least second class honours as granted by McGill University, in the subject in which they desire to take their major work. This implies a standing in the upper half of the undergraduate class, at least, and a considerable amount of specialization, for example 36 semester hours of lectures in the subject selected. Admission to these advanced courses does not in itself imply candidacy for a higher degree. Every student admitted to the Faculty is, however, attached to one or other of the Departments thereof, which is primarily responsible for guiding his studies.

4. The attention of applicants for admission to the Faculty is directed to the Graduate Record Examination (Educational Testing Service, Box 542, Princeton, N.J.). This examination consists of a relatively advanced test in the candidate's specialty, and a general test of his attainments in the several basic fields of knowledge, for which no special preparation is required or recommended. It is offered at many centres, including Montreal, several times a year; the entire examination occupies some eight hours, and the total fee does not exceed $10.00. Applicants for admission to the Faculty are not required to take this examination (save in Education, and Sociology), but those who have done so should submit their records therein; these will receive consideration along with other evidence of the candidate's admissibility. This credential is of especial importance in the case of applicants whose education has been interrupted, or has not led directly towards graduate study in the subject selected. In such cases the Department has the right to refuse to consider applications which do not include a report from the Graduate Record Examination or some similar test; some Departments require such reports

of all applicants. High standing in this examination will not by itself guarantee admission.

CLASSES OF STUDENT

5. (a) Those admitted to the Faculty as regular students studying for a higher degree are termed "graduate students."

(b) Those students whose academic degrees and standing entitle them to admission to the Graduate Faculty, but who are not sufficiently prepared to undertake graduate study in the subject selected, may with the permission of the Dean and the Department concerned be permitted to take a "qualifying year" of further undergraduate studies. Qualifying students are registered in the Graduate Faculty, but not as candidates for a degree; for registration procedure, see Section 6 (b) and (c); for fees, see Section 10 (a). Completion of the work of the qualifying year does not automatically entitle the student to proceed towards a higher degree. Students who are ineligible for a qualifying year may apply to the appropriate undergraduate Faculty for admission as regular or partial students, and seek admission to the Graduate Faculty at a later date.

(c) Those qualified students who are permitted to take one or more courses in the Graduate Faculty, without intention of proceeding to a McGill degree, are termed "partial students of the Graduate Faculty". In the same category are included students carrying on research in McGill laboratories, without intention of proceeding to a degree. For fees see Section 20. If graduate partial students subsequently become candidates for higher degrees, they will normally receive academic credit and sometimes deduction of fees for relevant graduate courses taken as partial students. Students who wish to take further undergraduate courses only should register as "partial students" in the undergraduate Faculty concerned, even if they already hold degrees.

APPLICATION AND REGISTRATION

6. (a) Applications for admission should be made in triplicate on special printed forms which may be obtained at the Dean's office. Applicants who are not McGill graduates must submit two certified copies of their complete academic record, and are required to ask one or two instructors familiar with their work to send letters of recommendation to the Dean or to the Department concerned. It is desirable to submit a list of the titles of courses taken in the major subject, since transcripts often give code numbers only; the applicant should also indicate the branch of the major subject in which further training is desired. A passport-type photograph should also be supplied, either with the application or after it has been accepted. The application forms, duly signed, should reach the Dean's office as early as possible and in no case later than

September 17th, 1951, after which date a late fee of $5.00 will be charged. If the application is approved by the Dean and the Department concerned, one copy of the form will be returned to the applicant.

(b) Approved candidates must consult the Department or Departments in which they intend to study, with regard to choice of courses and subject of investigation. Formal application for permission to attend the courses selected, and for approval of the subject of investigation, must then be made in triplicate on special Registration Forms obtainable from the Dean's office. Language examinations (Section 52) should be entered on these forms, if required. These forms require the signature of the candidate, of the Chairman or Chairmen of the Departments concerned, and of the Professor appointed to act as director of the candidate's research, and are normally completed in consultation with the Department; students are warned that it may take a day or two to arrange and complete such consultations. The completed forms should be filed in the Dean's office as early as possible, and at the latest by October 1st., after this date a late fee will be charged. Candidates should in any case be prepared to attend the regular courses of instruction, which begin on October 1st.

(c) The registration forms will be scrutinized by the Dean and the Committee on Research, and if approval is given one copy will be returned to the candidate, who must then present it without delay at the Registrar's office. The student will meanwhile attend lectures, etc., on the assumption that his registration will be approved; but will not be given credit for attendance until he has completed registration at the Registrar's office. Candidates must register in this way, and pay their fees not later than October 24th; otherwise the prescribed penalty for late registration and late payment of fees will be enforced.

(d) Candidates whose courses extend over more than one year must register at the Dean's office and at the Registrar's office, as above, at the commencement of each year of their course; if they have not so registered at the beginning of the academic year, they are not eligible to receive their degrees at the following Spring Convocation. This applies also to non-resident candidates working at another institution (see Section 44).

(e) Candidates who have completed their courses and their residence but have not yet completed their theses must register at the offices of both the Dean and the Registrar, and pay a registration fee of $10, at the beginning of the session in which they present their theses; unless this is done, the thesis can not be examined and the degree can not be awarded (see Section 13).

(f) In some Departments it is in special cases possible to admit selected candidates at unusual times, for example at the beginning of the second term (January 4th) or at the beginning of the summer.

DEGREES

7. Graduate students may proceed to one or other of the following degrees: Master of Social Work (M.S.W.), Master of Commerce (M.Com.), Master of Architecture (M.Arch.), Master of Science (M.Sc.), Master of Science (Applied), Master of Engineering (M.Eng.), Master of Arts (M.A.), Master of Sacred Theology (S.T.M.), Master of Civil Law (M.C.L.), Master of Laws (LL.M.), Doctor of Philosophy (Ph.D.), Doctor of Science (Applied), Doctor of Civil Law (D.C.L.), Doctor of Music (Mus.D.).

COURSES AT MACDONALD COLLEGE

8. (a) Graduate students who are taking the major part of their work at Macdonald College may go into residence there and may take, when required, other graduate courses given at the University.

(b) Students wishing to reside in Macdonald College should send in their application for accommodation to the Registrar, Macdonald College, Que., as soon as possible.

(c) Any fees in connection with courses taken at Macdonald College are payable to the Bursar of Macdonald College.

FELLOWSHIPS, SCHOLARSHIPS, AND MEDALS

9. (a) Details of Fellowships, Scholarships, Bursaries, Medals and Loan Funds available for graduate students will be found in the Announcement of Scholarships, Bursaries, Prizes and Medals, obtainable from the Registrar.

The following Graduate Fellowships and Scholarships are offered at McGill University to graduates of other approved institutions:

The University Fellowships, normally of $800 in the Humanities and Social Sciences.

The Arthur C. Tagge Fellowship of $1000 in the Humanities and Social Sciences.

The W. M. Birks Fellowship of $750 in Theology.

The Bronfman Fellowships of $1200 in Economics and Commerce.

The Alexander Mackenzie Fellowship of $600 in Political Science.

The Philip Carpenter Fellowship in Zoology.

The Leroy Memorial Fellowship of $500 in Geology.

The John Bonsall Porter Scholarship of $200 in Civil, Mechanical or Electrical Engineering.

The Cominco Fellowship of $1000 for research on metals, chemicals, or fertilizers.

The Shell Oil Fellowship of $750 in Chemistry, Mechanical Engineering, Geology, or Physics.

The Inco Scholarships of $500 in Chemical Engineering, Mining, Metallurgy, or Geology.

The T. Sterry Hunt Scholarship of $600, in Chemistry and Chemical Engineering, for holders of a Master's or other higher degree.

The C.I.L. Fellowships of $750 in Chemistry (British subjects).

The H. L. Blachford Scholarship of $750 in Organic Chemistry.

The Gottesman ($800), Sylvania ($1000), Shawinigan ($1000), and Ontario Paper Company ($1000) Fellowships tenable in the Division of Industrial and Cellulose Chemistry.

The James Douglas Fellowship in Pathology.

The H. W. Molson Fellowship of not less than $1000 for Cancer Research.

The John McCrae Fellowship of $800 in Experimental Surgery.

Fellowships in Neurology and Neurosurgery.

In most cases application should be made to the Dean of the Graduate Faculty prior to May 1st. Details of these awards, and of awards offered by other sources but tenable at McGill, are given in the Scholarships Announcement.

(b) In several Departments graduate students are eligible for demonstratorships and assistantships. Information concerning these may be obtained from the Chairman of the Department concerned.

FEES

The University reserves the right to change any fee without notice.

10. (a) The inclusive fee for a *full time session of resident study* (e.g. a Qualifying Year, the required year for the Master's degree, or each of the three required years for the Ph.D.) is $250.00, except in the case of the LL.M. for which the sessional fee is $400.00. Full-time Assistant and Associate Professors are eligible to apply for a rebate on these fees.

(b) The inclusive fee for a *half-session of full-time study* or for a *session of half-time study* (see Section 31) is $125.00, or $200.00 for the LL.M.

(c) The fee for an *additional session of resident study*, beyond the required year for the Master's degree or the three required years for the Ph.D. for students in good standing, is $25.00.

(d) The registration fee for a *session not spent in residence* (see Sections 6e , 13, and 44) is $10.00.

(e) The additional fee for a degree conferred *in absentia* is $10.00

(f) Resident students at McGill will in addition to the fee (a, b, or c above) also pay $6.00 for student activities; at Macdonald College this fee is $17.00 for men and $12.00 for women students. This may be waived for full-time members of the teaching staff.

11. The above fees for resident students are inclusive, and cover tuition, graduation, the use of laboratories and libraries, the health service and athletic privileges, and membership in the Postgraduate Students' Society. Additional fees are however charged as set forth below, for special and supplemental examinations, for the re-examination of revised theses, for the repetition of uncompleted courses, and for late registration, etc. Any student taking a lecture course or doing laboratory work, or receiving regular guidance or consultation from any member of the staff, is considered to be in residence. He must register and pay fees as above. For payment by instalments, see Section 21.

12. A Ph.D. candidate permitted to spend either the second or the third year of his course at an approved institution elsewhere (see Section 44c) must register at the Dean's office and with the Registrar at McGill as a non-resident student, and pay a fee of $10.00.

13. (a) A student who has completed his courses and his residence but has not completed his thesis must register at the Dean's office and with the Registrar, and pay a registration fee of $10, at the beginning of the session in which he intends to present his thesis, whether for the Spring or the Fall Convocation. Such a student is not considered to be in residence, and the $10 fee does not give the student access to the libraries or laboratories, nor health and athletic privileges, nor membership in the Postgraduate Students' Society. If the student does not fulfil his intention to present his thesis, the fee is not returned and can not be transferred to any subsequent session.

(b) Registration is also required when a student has completed all requirements except for one or more examinations. The fee in this case will be $10.00 (non-resident) or $25.00 (resident), in addition to any fees due for special examinations (Sections 16, 17).

14. A graduation fee of $100.00 is payable for the degree of D.C.L. or Mus.D. and should be forwarded with the application. This fee includes the cost of registration, but does not give the candidate the privileges of a student in residence.

There is no fee for any degree granted *honoris causa*.

15. (a) A candidate whose thesis is judged unsatisfactory by the examiners may present a revised thesis once again, for a subsequent Convocation, upon payment of the following fees:

Master's Degree	$10.00
Ph.D. Degree	20.00
D.C.L. or Mus.D	50.00

(b) Except for the D.C.L. and Mus.D. degrees, a registration fee of $10.00 (see Section 13) is also payable if a new session of non-resident study is entered; if the student remains in residence for an additional session, the fee of $25 (see Section 10c) will be charged instead of the registration fee, and in addition to the re-examination fee.

16. Fees for supplemental examinations, granted under special circumstances by permission of the Dean on the recommendation of the Department, are payable in advance at $10.00 per paper. A student who has failed in any required course and does not receive permission to attempt a supplemental examination must retire from the Faculty. Only under exceptional circumstances may permission be granted by the Dean, on the recommendation of the Department, for the student to repeat any such course. In such a case the student must pay the fee required of partial students for the course in question (see Section 20) in addition to fees applicable under Sections 10 and 15, but does not pay for supplemental examinations.

17. There is no fee for the language examinations for Ph.D. students (see Section 52) when these are first taken at the regular time in December. A fee of $5.00 is however charged when these examinations are taken at any other time, or when these examinations are retaken after a previous failure, or have not been taken in the session in which they were entered upon the registration form.

18. French Summer School students who are proceeding to the M.A. degree are liable for the regular fee of $250 for the M.A. course but are remitted $60.00 of this for each Summer Session they have attended in the advanced course. At the end of the second Summer Session they are required to apply for and obtain admission to the Faculty of Graduate Studies (see Section 6a), but they do not register therein (Sections 6b, c, d) until the end of the fourth Summer Session; at that time they must register on sessional forms at the Dean's office, as "non-resident students", and pay the balance still owing of the M.A. fee. If the presentation of the thesis is postponed beyond the September one year after this registration, they will pay an additional registration fee of $10.00 at the beginning of the session in which the thesis is to be presented. Students who have completed four Summer Sessions in French (or the equivalent) are excused the *in absentia* fee (see Section 10e) when they obtain an M.A. degree.

19. Students permitted to work for the High School Diploma and for the M.A. concurrently (see p. 2653), spreading the work for the M.A. over two years, pay the fee for the Diploma course in the first and the normal fee of $250.00 for the M.A. degree in the second of these years.

20. The normal fee for "partial students of the Graduate Faculty" as defined in Section 5b is $90.00 per full course; special fees may be required for certain laboratory courses. A partial student carrying on research in McGill laboratories, but not taking courses, will normally pay $90.00 per session. Partial students must also pay the Grounds Fee of $5.00 and, if taking three or more full courses, the Health Service fee of $7.00 and Student's Activities fee of $5.00.

21. Fees are due and payable at the Accounting Office on or before October 24th. If paid by instalments the second instalment is due on February 1st. An additional $5.00 is charged for payment by instalments. An additional $2.00 is charged for payment after the specified dates.

22. Immediately after October 24th a list of students who have not paid their fees is sent to the Dean of the Faculty, who removes their names from the register of attendance. Such students cannot be re-admitted to any class until instructions have been received from the Chief Accountant that the fees have been paid.

23. Late fees are charged as follows:

Application forms, after September 17th	$5.00
Registration at Dean's Office, after October 1st	5.00
Registration at Registrar's Office, after October 24th	5.00
Payment of fees, after October 24th	2.00

24. All resident students with the exception of those at Macdonald College, are entitled to the following health and athletic privileges:

(a) Medical examination; daily consultation service and hospital treatment, as furnished to undergraduates.

(b) Tennis privileges during the session and summer privileges on the same basis as undergraduates (Present summer fee $5.00).

(c) Social skating privileges on the campus rink.

(d) Opportunities for exercise with various athletic clubs and eligibility for intercollegiate and other teams.

(e) A book of spectator's tickets, granting admission to all intercollegiate football and hockey games, etc., may be purchased for $3.00.

25. At Macdonald College, graduate students are entitled to medical attendance, major operations excepted, on the same basis as other students. Graduate students at Macdonald College are entitled to participate in the activities of the various organizations under the Students' Council and to have one representative on the Students' Council.

26. All resident students of the Faculty of Graduate Studies and Research are members of the Postgraduate Students' Society.

27. All fees are payable in Canadian currency.

RESEARCH FELLOWS

28. This title is intended to provide recognition and status on the University records for investigators of professorial calibre who are not members of the staff of McGill University but are attached temporarily to a department on the ground that their assistance is *required in the interests of a current programme of research.*

29. A Research Fellow must not be proceeding to a degree, and any money grant that he receives must be either from McGill University or from some other institution for the advancement of learning and must be paid solely for the advancement of the research that he is pursuing and not for instruction or demonstration.

RESEARCH ASSOCIATES

30. The title of Research Associate is intended to apply to investigators of academic standing junior to that of the Research Fellow. They must not be proceeding to a degree, nor may they be members of the staff of McGill University, but the receipt of a grant or scholarship from McGill University or any other institution for the advancement of learning shall not be considered to disqualify them for this title.

GENERAL RULES CONCERNING HIGHER DEGREES

31. (a) A graduate student is expected to devote his full time to his courses, reading, and research in each session counted towards completion of residence requirements. Members of the teaching staff of the University who are also students in the Graduate Faculty and who give more than three hours of lecturing or six hours of conference work or twelve hours of

supervisory work in laboratories and allied services per week, and other students doing an equivalent amount of additional work inside or outside the University, may not obtain the Master's degree in one year, and will require at least four years for the Ph.D. At least one of the years required for either degree must be spread over two sessions, in each of which such students will be registered as *half-time* workers and will pay a fee of $125.00, or $200.00 in the case of the LL.M.

(b) No full-time student registered in any professional Faculty of the University may register for a graduate degree or for a qualifying year without the special permission of both Faculties.

(c) Students assisted by the Department of Veterans' Affairs are not considered to be "full-time" if they are giving more than nine hours per week to demonstrating and similar services.

(d) A degree is granted in the Faculty of Graduate Studies essentially for work in one subject, known as the student's *major subject.* Certain allied or "cognate" courses in other subjects may be permitted or required; these must be entered on the sessional registration form, which must show whether the courses are to be taken for credit, including examination, or merely attended, and which must be signed by the Chairmen of all Departments concerned.

(e) There is no fixed number of course credits required for these degrees. The Department concerned will rather examine the applicant's previous training, undergraduate and graduate, and then decide how many of the available courses in the major subject and related fields are still required to bring the candidate to the proper level for the Master's degree or Ph. D. The satisfactory completion of such essential courses and the presentation of an acceptable thesis are two separate requirements which must be separately met. Due account will be taken of all relevant courses passed at any recognized University or College.

(f) A candidate with a given higher degree may be permitted to proceed to a second degree of the same kind, but in another subject, provided that the usual requirements for the degree are entirely fulfilled and approved as usual by the Department concerned. In the computation of fees for such second degree, no account will be taken of the student's previous registration in the Graduate Faculty.

CLASSIFICATION OF MARKS

32. 100-80%.....First Class
79-65%.....Second Class
Below 65%.....Failure

This classification applies also to students taking a Qualifying Year.

Students who obtain marks between 50 and 64% in courses not required for the degree sought may, on recommendation of the major Department, be recorded as having "passed at the undergraduate level."

Students who have failed in required examinations are permitted to write supplemental examinations only on the recommendation of the major Department and with the permission of the Dean (see Section 16).

THE MASTER'S DEGREE

33. (a) **Normal Procedure for the Master's Degree.**

At least one full session or two half-sessions of resident study at McGill University is required for a Master's degree; this is a minimum requirement, and it will usually be found impossible to complete the work for the degree within this time; the M.S.W. and LL.M. cannot be completed within one academic session. Residence credit is not given for work done during the summer vacation, either at McGill (save in the French Summer School) or elsewhere; the majority of graduate students find it necessary, however, to devote the greater part of their summers to work upon the thesis problem. The procedure to be followed in applying for admission and in completing registration is described above (Section 6). The candidate is required to pass the examinations in the courses which have been indicated to him by the Department and which are recorded on his approved registration form (except such courses as are marked "not for examination") and he may also be required to pass a general examination in his major subject; the marks or classes he obtains in these examinations are part of his qualifications for the degree. The candidate must also present a thesis on some topic connected with his major subject. The title of the thesis may be entered upon the registration form, and if not decided at that date must be subsequently submitted, in writing, to the Chairman of the Department concerned and to the Dean for formal approval at least four months before the thesis is handed in. The thesis must be in some measure a contribution to knowledge and must also be written in good literary style. *For further regulations regarding theses, see Sections 59, 60, and 61.*

(b) Candidates who intend to proceed later to the Doctor's degree should note the language requirements (Section 52) and are strongly advised to take the examination in at least one language while working for the Master's degree.

34. Special Concessions for Civil Servants.

With regard to the M.Sc. and M.Eng. (which may be the first year of the Ph.D. course), the following concessions are approved:

(a) Candidates for the degrees of M.Sc. or M.Eng. who are graduates of McGill University and have had two or more years' experience in a Government Department, performing as their main duty work of the same type as that proposed for research, may, on recommendation of a Department and with the approval of the Faculty in full session, have their residence requirements reduced to one half-session only. It is understood that these candidates must take the usual final examination in all subjects required. The full sessional fee is payable.

No special concessions can be made to Civil Servants who are graduates of universities other than McGill.

(b) A Government laboratory may be approved by the Faculty as a research institution (see Section 44c).

35. The Degree of Master of Arts.

(a) Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Arts is provided in the following Departments of study, which rank as "subjects":

Classics	History
Economics and Political Science	Mathematics
Education	Philosophy
English Language and Literature	Physics
French Language and Literature	Psychology
Geography	Sociology
German	

Studies in other subjects, including sciences and certain theological studies (see p. 2625), may be undertaken as cognate courses only, and only with the permission of the Departments concerned.

(b) Candidates must hold the degree of B.A. They must have obtained at least a second class in an Honours course at McGill University, or its equivalent elsewhere, in the subject or subjects which they propose to study.

36. **The Degree of Master of Science.**

(a) Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Science is provided in the following Departments of study:

Agricultural Bacteriology
Agricultural Chemistry
Agronomy
Anatomy
Bacteriology and Immunity
Biochemistry
Botany
Chemistry
Entomology
Experimental Medicine
Experimental Surgery
Genetics
Geography
Geological Sciences
Horticulture
Mathematics
Meteorology
Neurology and Neurosurgery
Nutrition
Parasitology
Pathology
Pharmacology
Physics
Physiology
Plant Pathology
Poultry Husbandry
Psychiatry
Psychology
Zoology

(b) Candidates must hold a Bachelor's degree with at least second class in an Honours course at McGill University, or its equivalent. Candidates with an M.D. degree must have attained high standing.

37. **The Degree of Master of Engineering.**

(a) Instruction for the degree of Master of Engineering is given in the following Departments of study, which rank as "subjects," in which definite courses may be selected:

Chemical Engineering
Civil Engineering
Electrical Engineering
Mechanical Engineering
Metallurgical Engineering
Mining Engineering

(b) Candidates must hold the degree of Bachelor of Engineering, or an equivalent degree, and their undergraduate academic rank must, in general, be equivalent to high second-class standing.

(c) The establishment of the degree of Master of Engineering does not prevent a properly qualified holder of the degree of Bachelor of Engineering, or the equivalent, from proceeding to the degree of Master of Science in pure science.

38. **The Degree of Master of Architecture.**

(a) Instruction for the degree of Master of Architecture is given in the following Departments of study, which rank as "subjects."

Architectural Design
Community Planning
Housing

(b) Candidates must hold the degree of Bachelor of Architecture or an equivalent degree, and their undergraduate rank must, in general, be equivalent to high second-class standing.

(c) One only of the above subjects may be taken.

Each candidate is required to take at least one course in his subject involving at least one year of resident study.

In addition he is required to meet in personal conference at least once a week the professor under whose supervision he is preparing his thesis.

39. **Master's Degrees in Law.**

(a) Instruction leading to the degree of Master of Civil Law (M.C.L.) is offered in the following departments of study:

Roman Law
Civil Law
Commercial and Maritime Law
Public Law including International Law

At least one session of full-time resident study, or its equivalent, is required; this includes the passing of one or more courses and the preparation, under supervision, of an acceptable thesis.

(b) The degree of Master of Laws (LL.M.) is offered in the Institute of International Air Law only. The curriculum involves one full-time session of resident study including prescribed and elective courses; students whose work has been found satisfactory will be permitted to complete requirements for the degree by submitting an acceptable dissertation in a subsequent session, which need not be spent in residence.

(c) Applicants for admission to candidacy for the M.C.L. or LL.M. must hold an acceptable degree in Law. For further particulars see page 2687, or consult the Secretary of the Faculty of Law.

40. **The Degree of Master of Commerce.**

(a) This degree is at present granted in Economics only.

(b) Candidates must hold the degree of B.Com. from McGill University, with at least a creditable average second-class standing, and with at least second class standing in the required courses in Economics: graduates of other universities must possess equivalent qualifications, especially in Economics.

(c) Applications for admission must be approved by the Director of the School of Commerce and by the Chairman of the Department of Economics.

41. **The Degree of Master of Social Work.**

(a) Applicants for admission must hold the degree of Bachelor of Social Work (for which a Bachelor's degree in Arts or Science is prerequisite), with at least good second class standing, from McGill University; or possess equivalent qualifications.

(b) Candidates for the degree will take eight one-term courses, each of two hours weekly, including a half-course on Social Research Methods and a Research Seminar; they will be required to undertake supervised practice during the session and to submit a thesis on an approved topic. The work for the degree can not be completed within one academic session, at least one calendar year being required.

(c) Applications for admission must be approved by the Director of the McGill School of Social Work, from whom the Announcement of the School with details of courses, etc., may be obtained.

42. **Master's Degree in Theology.**

(a) Applicants for admission to the course leading to the degree of *Sanctæ Theologiæ Magister* (S.T.M.) must hold the B.A. degree and the degree of B.D., or its equivalent, from a recognized university, college, or seminary. They must have sufficiently high academic standing and adequate preliminary training, including a knowledge of the requisite ancient or modern languages, for higher studies in the field selected.

(b) Candidates must undertake full-time resident study at McGill University for at least one academic session or two half-sessions, during which they will prepare for the examinations in the courses to which they are assigned. A thesis on an approved subject within the major field selected is a further requirement for the degree. For further particulars see page 2648.

43. **Degree in Science (Applied).**

(a) The degree of Master of Science (Applied) was established in 1949 to permit approved Departments to offer postgraduate training of a professional and vocational character, with less emphasis on theoretical knowledge and research than in other degrees of this Faculty

but with no lower standards either for admission or for completion of requirements. Curricula of this type are at present available only in the Department of Psychology, whose statement herein should be consulted, and lead to the degree of Master of Psychological Science (M.Ps.Sc.) (*see page 2717*).

(b) Similarly the degree of Doctor of Science (Applied) for still higher professional training has been established so far only in the Department of Psychology and carries the title of Doctor of Psychological Science (D.Ps.Sc.) (*see page 2717*).

REGULATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.)

44. (a) Candidates for the degree of Doctor of Philosophy must hold the degree of B.A. with Honours, or B.Sc. with Honours, or B.Eng. or B.Sc. (Agr.) or M.D., with at least good second-class standing in each case, from McGill University, or some equivalent qualification.

(b) Many Departments will require candidates who do not already hold an appropriate Master's degree to register for the M.A. or M.Sc. rather than for the Ph.D. direct; but may later recommend to the Committee on Research that candidates of undoubted promise should be allowed to proceed directly towards the Ph.D. without being required to submit a Master's thesis; in other cases, permission to proceed towards the Ph.D. may depend on the standing obtained in the Master's degree.

(c) Candidates must follow a course of at least three years resident study at a University or other institution of higher learning or research; this is a minimum requirement, and there is no guarantee that the work for the degree can be completed in this time. Two at least of these years must be spent at McGill University, and these should if possible include the final year. Departments may permit or require candidates to spend one session at another institution approved by the Committee on Research (for fees, etc., see Section 12); it is understood that this session must be one of full-time study, and that the institution selected must be able to provide expert supervision and facilities for research appropriate to the candidate, in the field selected. Candidates are therefore required to submit a programme of the work projected and particulars of the institution selected, for approval by the Committee, before undertaking any such period of study apart. They must register at McGill as non-resident students; and the Committee may require reports on progress from time to time or at the end of the period for which credit is claimed. The Faculty may make special exceptions to these general regulations concerning residence; it may permit McGill graduates, for example, to spend two years in study apart at approved institutions and to reside at McGill for the final year only. Residence credit is not granted for work

done during the summer vacations, either at McGill or elsewhere; but it is the custom for candidates to spend the greater part of each summer in work upon the thesis problem, and those who do not do so are unlikely to complete a satisfactory thesis in the prescribed minimum time; in certain subjects, *e.g.* in Agricultural sciences, summer researches are indispensable.

45. A student who has obtained his Master's degree at McGill University or at an approved institution elsewhere, and is proceeding to a Ph.D. may, on recommendation of the Department, be permitted to count the work done for the former as the first year of his resident study for the Doctor's degree (see Section 44). The attention of students seeking admission on this basis is drawn to the language requirements (Section 52d), for which they are advised to prepare themselves in advance.

46. Candidates must select one major subject (see Section 31d). Courses leading to the degree of Doctor of Philosophy are offered in the following as major subjects:

Agricultural Bacteriology
Agricultural Chemistry
Anatomy
Bacteriology and Immunity
Biochemistry
Botany
Chemistry
Economics and Political Science
Electrical Engineering
Entomology
Experimental Medicine
French
Genetics
Geography
Geological Sciences
History
Mathematics
Neurology and Neurosurgery
Parasitology
Pathology
Pharmacology
Physics
Physiology
Plant Pathology
Psychology
Zoology

47. In special cases, Departments may be able to provide courses in other subjects which will lead to this degree. Candidates desiring to proceed to the degree of Doctor of Philosophy in other Departments than those mentioned above should, therefore, make direct application to the Dean of Graduate Studies and Research, asking whether courses in such subjects can be provided.

48. The course of study which the candidate desires to follow must, before he enters upon it, have been submitted to the Chairmen of the several Departments concerned and have received their approval (see Section 6b).

49. **Preliminary Examination.** The first two years include instruction, training and direction in the candidate's field of study, with the object of giving him a knowledge of his particular subject and its relation to cognate branches of learning and of preparing him for independent investigation. The candidate's preliminary examination is held at the end of the second year, or at a time selected by the Chairman of the major Department, unless otherwise specified by Departmental regulations approved by the Faculty. This examination covers all graduate work previously taken by the candidate, including his prescribed reading, and may also include any work fundamental thereto. The candidate must show that he possesses a good general knowledge of the whole science or branch of learning which he has selected as his major subject. The examination may be written or oral or both. The result of this examination determines whether the candidate is allowed to proceed to his degree. The final year is devoted chiefly to the preparation of the thesis.

50. The candidate is also required to pass the examinations in the courses indicated by the Department, and recorded on his approved registration form, unless they have been marked "not for examination."

51. After the thesis has been received and approved, a final oral examination on the subject of the thesis and subjects more intimately related to it is held. This is conducted in the presence of a Committee of at least four members approved by the Faculty of Graduate Studies.

52. (a) Every candidate must satisfy the Faculty of Graduate Studies and Research that he has a reading knowledge of French and German; candidates may, however, seek the permission of the Dean to substitute another language for either French or German. In the special case of the Ph.D. in French, a knowledge of Latin and of either Spanish or Italian is required, but the regulations in paragraphs b, c, and d (below) will not apply.

(b) The candidate's major Department will select passages for translation, typical of the literature of the subject, and will make arrangements for the examination. The Departments of French and German must approve the passages selected, and will correct the translations and decide whether the candidate has fulfilled the requirements; they may also require any candidate to appear for oral examination and for explanation of his written answers.

(c) The examinations may be written in the first ten days of December without fee, save in the case of Ph.D. candidates in Physics, who normally write German examinations in February. A fee of $5.00 is, however, charged (see Section 17) for each Supplemental language examination, or for language examinations held at other dates which may be arranged on recommendation of the Department to the Dean (normally the first

week in April or the fourth week in September). A student will not ordinarily be permitted to attempt any language examination on more than two occasions in any one calendar year.

(d) Candidates are required to take at least one language examination in the first year of the Ph.D. course, and the other not later than the second year. Sessional registration forms (Section 6b) must indicate the student's intentions in this respect; a student who does not attempt a language examination in any session in which he has registered for it will be regarded as having failed the examination. Students admitted to the Second Year of the Ph.D. course (Section 45) must discharge their language requirements as early as possible. Sessional registration forms which do not comply with these requirements will be rejected.

(e) The Department of German offers, when possible, a special course open to candidates for the Ph.D. degree and designed to help them to acquire the necessary reading knowledge of the language: one lecture per week, hours to be arranged.

53. **Thesis.**

(a) The thesis for the Ph.D. degree must display original scholarship expressed in satisfactory literary form and be a distinct contribution to knowledge. The subject of this thesis must have been approved, in writing, by the Chairman of the Department in which the major subject is taken, and also by the Committee on Research, at least twelve months before the date of the final examination; the exact title may be decided later (Section 59d).

(b) Three copies of the thesis must be provided by the candidate.

(c) The regulations concerning theses are stated in Sections 59, 60, and 61.

54. Special regulations for the Ph.D. in Economics are stated on page 2652, in French on page 2669, in History on page 2685, and in Entomology on page 2664.

REGULATIONS FOR THE DEGREE OF DOCTOR OF CIVIL LAW (D.C.L.)

55. Any person who has graduated as a B.C.L. from McGill University may after seven years from such graduation proceed to the degree of Doctor of Civil Law, provided he has distinguished himself by eminent services in the domain of law, and provided he has written a thesis on a subject previously approved by the Faculty of Graduate Studies and Research, and that such thesis has been adjudged by that Faculty to be a valuable contribution to legal science. The candidate may, instead of a thesis, submit a published book or books dealing in a scientific way with

some branch or branches of law. Three copies of the thesis or book should be submitted to the Dean not later than February 14th, if the candidate hopes to be presented at the Spring Convocation. A very high standard is required for this degree, but it does not call for any resident graduate study in the University. See also Sections 14, 15, and 60 (h).

REGULATIONS FOR THE DEGREE OF DOCTOR OF MUSIC (Mus.D.)

56. Bachelors of Music of McGill University, after a lapse of a period of seven years from the time of taking the degree of Bachelor of Music, may proceed to the degree of Doctor of Music, the requirements for which are a composition in extended form, such as an oratorio, opera or cantata. This exercise must have as its first number an introductory orchestral movement in the form of a concert overture, must contain some eight-part writing and fugal treatment, and must be scored for a full orchestra. If preferred, a candidate may present a composition scored for full orchestra in the form of a symphony, symphonic poem or tone poem occupying not less than forty minutes in performance. Compositions which have already been published or performed may be submitted, if otherwise suitable. The exercise should be submitted not later than February 3rd, if the candidate hopes to be presented at the Spring Convocation; only one copy is required. The University may, if it elects to do so, order the candidate to give a public performance of his original and unaided composition, when approved by the examiners, in some public building connected with the University. In addition, an examination in the higher forms of composition is necessary, together with a critical knowledge of the full scores of certain prescribed work. See also Sections 14 and 15.

57. Graduates of other universities may, on payment of the necessary fees, be admitted "ad eundem" to the Degree of Mus.B. if they wish to proceed to the further degree of Mus.D. provided they secure permission to do so through the Faculty of Graduate Studies and Research from the Senate of the University, the period of seven years referred to above to be counted from the date on which they received the degree of Bachelor of Music from their own University.

58. *Requirements for Mus.D.:* Harmony up to eight parts; Counterpoint up to eight parts (strict and free); Instrumentation; Canon four and two; Fugue up to five parts; History of Music; Form and Analysis based on knowledge of Beethoven's nine symphonies, Brahms' second and third symphonies, Strauss' tone poem Death and Transfiguration, Wagner's Meistersinger and Tannhäuser Overtures, either Bach's St. Matthew Passion or Beethoven's Mass in C, and Mozart's Magic Flute or Wagner's Parsifal.

REGULATIONS CONCERNING THESES

59. (a) In the case of students who wish to graduate at the Spring Convocation, all theses for a Master's degree must be handed to the Dean of the Faculty of Graduate Studies and Research not later than April 21st.

(b) All theses for the degree of Ph.D. must be in the hands of the Dean not later than April 7th.

(c) The theses of students who wish to graduate with a Ph.D. or Master's degree at the Fall Convocation must be in the hands of the Dean of the Faculty of Graduate Studies and Research not later than August 30th, 1951.

(d) The title of the thesis, as approved by the Department, must be submitted for approval by the Committee on Research at least four months before the thesis is handed in. The Dean may subsequently permit minor changes in the wording of the title.

60. All theses submitted by successful candidates for higher degrees (other than the Mus.D.) are bound and placed in the Library. Candidates for such degrees are therefore advised that the Faculty of Graduate Studies and Research requires theses to be prepared in accordance with the following specifications:

(a) The paper must be of a good bond grade, and is to be of uniform size, 8½ x 11 inches. Theses on inferior grades of paper will not be accepted.

(b) The left-hand margin must have a uniform width of not less than 1½ inches; this rule also applies to diagrams, etc. Drawings, maps, plates, etc., if larger than the prescribed page, may be folded and subsequently bound in only if the flap is not larger than 7 x 11 inches. Larger drawings, maps, etc., must be folded down to not more than 7 x 10 inches, so that they may be placed in pockets in binding.

(c) Theses must be typewritten and in triplicate. Ultimately one copy is deposited in the McGill Library, one in the Departmental Library, and one is returned to the candidate.

(d) No binding is necessary, but the loose sheets must be placed, unfolded, in a manila envelope in the order of their pagination. On the outside of each envelope must be written clearly the name of the candidate, title of thesis, degree, date, and Copy I, II, or III. Students are also asked to suggest a short title of not more than 55 letters (excluding their surname) for the lettering along the back of the bound copy.

(e) Copies of the thesis must be double-spaced and free from typographical and other errors, otherwise they will be returned to the candidate for revision, with possible consequent delay in the granting of the degree.

(f) Every thesis should have an abstract and a sufficient table of contents, and a thorough bibliography on the subject. Scientific theses should also contain an introductory historical statement of previous work or investigation, and a summary. In the case of the Ph.D. degree, there should be a clear statement of the claim of original work or contribution to knowledge made by the author.

(g) The candidate is required to declare, generally in the preface and specifically in the text of the thesis, the extent to which assistance has been given by members of the staff, fellow-students, technicians, or others, in the collection of material, the design and construction of apparatus, the performance of experiments, and the preparation of the thesis in general. This regulation does not apply to the normal supervision and advice given by the director of the candidate's research.

(h) If a thesis is rejected it cannot be submitted again, in a revised form, more than once (see Section 15).

(i) Unless there is a specific arrangement to the contrary, the candidate must understand that the University Library is free to allow the thesis to be consulted or borrowed, or to be issued in whole or in part in photostat or microfilm form.

SUMMARIES OR ABSTRACTS OF THESES

61. Three copies of a statement must also be presented, on a separate sheet, giving the author, title of thesis, and a summary not exceeding 150 words.

DEPARTMENT OF AGRICULTURAL BACTERIOLOGY

(Macdonald College)

Associate Professor P. H. H. GRAY, *Chairman*
Assistant Professor R. H. WALLACE

Adequate laboratory and library facilities are available for courses leading to higher degrees, and for research.

COURSES FOR HIGHER DEGREES

60. PHYSIOLOGY OF MICROORGANISMS (2 hours) *Professor Wallace*
Text: Porter, Bacterial Chemistry and Physiology (Wiley).

61. SOIL MICROBIOLOGY (2 hours) *Professor Gray*
Text: Waksman, Principles of Soil Microbiology (Williams & Wilkins); Russell, Soil Conditions and Plant Growth (Longmans).

62. FOOD MICROBIOLOGY (2 hours) *Professor Gray*
Text: Tanner, Microbiology of Foods (Garrard).

63. COLLOQUIUM *Staff*
A written report on topics of current research in the candidate's field must be presented fortnightly.

REQUIREMENTS FOR THE MASTER'S DEGREE

1. Candidates are required to have the B.Sc. (Agr.) degree with high standing, or its equivalent with sufficient training in the subjects of the courses chosen for the higher degree. Students who lack such training must take the required courses of the final undergraduate year as well as courses in such other subjects as the department may require.

2. Candidates must take examinations in two of the courses listed above, either 60 with 61, or 60 with 62, and conform to the requirements of the colloquium.

3. The preparation of a thesis should require at least 20 hours of laboratory work per week. The thesis must be on a current research problem in agriculture, and may be completed at the end of one year's work.

4. Special arrangements can be made for candidates of recognized ability who wish to take studies in two major subjects.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates for the Ph.D. degree must have obtained first class honours standing in their work for the B.Sc. (Agr.) degree, or its equivalent, or have submitted a thesis of outstanding merit for the M.Sc. degree; they must show in frequent conferences and colloquia that they possess sound critical ability and capacity for research. Candidates are urged to study the required modern languages before entering the second year.

DEPARTMENT OF AGRICULTURAL CHEMISTRY

(Macdonald College)

Professor	R. H. COMMON, *Chairman*
Associate Professor	W. A. DELONG
Assistant Professor	B. E. BAKER
Lecturer	_____

Adequate laboratory facilities are available for the courses listed below and for research.

COURSES FOR HIGHER DEGREES

60. CHEMISTRY OF SOILS

2 lectures per week, second term. *Professor DeLong*

61. PLANT BIOCHEMISTRY

2 lectures per week, second term. (*Given in 1951-52.*) *Professor DeLong*

51 and 52. CHEMISTRY OF FOOD AND FEEDING STUFFS AND ADVANCED FOOD ANALYSIS

2 lectures per week, both terms. *Professor Common*

63. INDUSTRIAL UTILIZATION OF FARM PRODUCTS

2 lectures per week, second term *Professors Common and Baker*

Special laboratory work (three hours per week) may be required in any of these courses.

REQUIREMENTS FOR THE MASTER'S DEGREE

1. Candidates are required to have the B.Sc. (Agr.) degree with honours standing, or an equivalent qualification. Students holding a B.Sc. degree may be accepted if they have taken sufficient undergraduate work in biology; otherwise a qualifying year will be required.

2. Candidates for the Master's degree are required to take the examinations in two of the courses for higher degrees given in the Department.

3. Candidates may be required to take the examination in one of the cognate courses listed below:

At Macdonald College:

Either Experimentation (Department of Agronomy, Course 60) *or* Advanced Biophysics (Department of Physics, Course A).

At McGill University:

Advanced Organic Chemistry (Department of Chemistry, Course A).

Advanced Physical Chemistry (Department of Chemistry, Course 44)

Cellulose, Lignin and Related Compounds (Department of Chemistry, Course L).

Protein Physical Chemistry (Department of Biochemistry, Course 44b).

Metabolism (Department of Biochemistry, Course 45).

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Special arrangements for course work will be made with the McGill Departments of Chemistry and Biochemistry. Candidates are expected to have a basic knowledge of the main branches of agricultural chemistry when they present themselves for their preliminary examination, but they will be judged principally by their ability in research.

DEPARTMENT OF AGRONOMY

(Macdonald College)

Professor	L. C. RAYMOND, *Chairman*
Associate Professor	E. A. LODS
Assistant Professors	R. I. BRAWN
	H. A. STEPPLER

The Department is well equipped to conduct research with crop plants particularly in relation to breeding.

All important periodicals, scientific journals, books, and bulletins on Agronomy and related subjects, are available to students in the McGill, Macdonald College, or Agronomy Department Libraries.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Candidates who take Agronomy as a major subject must have had a good training and achieved high standing in Agronomy, Botany, Chemistry and Genetics. Those who have not had adequate training in these subjects will be required to take such courses as may be needed to rectify the deficiency.*

60. EXPERIMENTATION
One lecture and one laboratory period. *Professor Steppler*

61. HAY AND PASTURE CROPS
2 lectures and 2 laboratory periods for 1 term. *Professor Steppler*

62. CORN AND ROOT CROPS
2 lectures and 2 laboratory periods for 1 term. *Professor Raymond*

63. GRAIN CROPS
3 lectures and 3 laboratory periods for 1 term. *Professor Lods*

64. SEMINAR
Fortnightly during the year. *Professor Raymond and Staff*

* To fulfil the M.Sc. requirements a student must take courses 60 and 64 and at least two others from those listed above. In addition he may be required to take a cognate subject.

DEPARTMENT OF ANATOMY

51/52

Professors	C. P. MARTIN, *Chairman*
	C. P. LEBLOND
Assistant Professor	D. M. FORSTER
Lecturers	PHOEBE L. COX
	CATHERINE E. STEVENS
	E. W. WORKMAN

The department offers facilities for research work leading to the degrees of Master of Science and Doctor of Philosophy in either Gross or Microscopic Anatomy.

QUALIFICATIONS FOR ADMISSION

For registration as a graduate student in gross anatomy, the candidate must hold a B.Sc. or M.D. degree and have completed with high standing the following courses in Anatomy at McGill (or their equivalent elsewhere): 1, General Gross Anatomy; 2, Neuro-anatomy; 6, Histology; 8, Embryology; these being the courses required in the first two years of the medical curriculum.

For registration as a graduate student in microscopic anatomy, the candidate must hold a B.Sc. or M.D. degree and have obtained high standing in Courses 6 and 8 or their equivalent and have displayed general proficiency in biological studies.

ADVANCED AND GRADUATE COURSES

4. ADVANCED NEURO-ANATOMY

2 evenings per week, first term. *Professor F. L. McNaughton (M.N.I.)*

5. PHYSICAL ANTHROPOLOGY

Times to be arranged. *Professor Martin*

7. EXPERIMENTAL MORPHOLOGY

(a) Seminar on theoretical problems of histology and histochemistry.
1 hour. *Professor Leblond*

(b) Practical course on planning of biological experiments, operative procedures on laboratory animals, histological techniques, histochemical reactions, detection of radioactive elements by radioautographs and Geiger counter, photographic methods, etc.
1 hour lecture and laboratory. *Professor Leblond*

Candidates for higher degrees in gross anatomy will be required to repeat detailed study of general gross anatomy (course 1 or equivalent at an advanced level), candidates for higher degrees in microscopic anatomy will be required to deepen their knowledge of histology and to take

course 7. In both cases, additional courses in anatomy or in cognate subjects may be required, in addition to the preparation of a thesis based on original research. Ph.D. candidates will write a comprehensive examination at the end of the second year.

SCHOOL OF ARCHITECTURE

Associate Professors — JOHN BLAND, *Director*; HAROLD SPENCE-SALES

COURSES FOR THE MASTER'S DEGREE

A. ARCHITECTURAL DESIGN

2 hours tutorial and 18 hours problems and reports per week, first term. *Professor Bland*

B. COMMUNITY PLANNING

2 hours tutorial and 18 hours problems and reports per week, first term. *Professor Spence-Sales*

C. HOUSING

2 hours tutorial and 18 hours problems and reports per week, first term. *Professor Bland*

D. SEMINAR IN COMMUNITY PLANNING

2 hours per week. *Professor Spence-Sales*

Candidates for the Master of Architecture degree will be expected to take the Seminar in Community Planning and one other course in addition to the thesis work.

DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY

Professor — E. G. D. MURRAY, *Chairman*

Associate Professors — G. G. KALZ; J. W. STEVENSON

Assistant Professors — JOAN A. DE VRIES; C. D. KELLY

Lecturers — R. H. ELDER; F. A. JAFFE; A. M. MASSON; F. M. PRISSICK

GENERAL QUALIFICATIONS FOR ADMISSION

A B.Sc. degree with at least second class Honours in Bacteriology and Immunology, or the degree of M.D.,C.M. with high standing in Bacteriology, Immunology, and Pathology, from McGill University, is required. The equivalent from elsewhere is recognized but this must be supported by confidential letters of recommendation from professors familiar with the candidate's work.

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

Candidates who have satisfactorily completed the Honours course in Bacteriology as undergraduates may present themselves for examination for the M.Sc. degree at the end of one year's graduate work in the Department. Others may be required to spend two years in the Faculty of Graduate Studies and Research, the first of which will be taking a Qualifying Course comprising the Honours undergraduate Course 3 and such other courses as the Department approves. Candidates taking the Qualifying Course must reach a satisfactory standard in the examination at the end of the year to be permitted to proceed to the second year work. In cases where good and sufficient reason is shown, in terms of equivalent work, the Department may exempt a candidate from the Qualifying Year. Exemption from a Qualifying Year may be gained by attaining second class marks in an Entrance Examination equivalent to the Examination for Honours in Course 3. Candidates are required to present one topic for a Seminar and to attend Course 6 and with due approval may attend other courses in the University Departments. The candidate is required to pass a general examination in Bacteriology and Immunology, including subjects dealt with in Course 6, and may be required to pass examinations in courses prescribed by the Department. These examinations together with a thesis on a research problem will determine the award of the Degree in accordance with Faculty regulations.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates for the Ph.D. degree may be required to have obtained a satisfactory class in their work for the M.Sc. degree (McGill).

Candidates are required each year to present one topic for a Seminar and attend Course 6 and may be required to attend cognate courses in other Departments. Candidates are required to pass a general examination in Bacteriology and Immunology, but will be judged principally on the ability they display in research.

Candidates will be occupied mainly in original research and the preparation of a thesis in accordance with Faculty regulations.

6. SPECIAL TOPICS IN BACTERIOLOGY AND IMMUNOLOGY

Lectures and discussions once a week. The topics vary from year to year.

SPECIAL FACILITIES

The courses given by the Department in the Faculty of Arts and Science and the Faculty of Medicine are available to candidates for the M.Sc. and Ph.D. degrees.

The practice of the Clinical Bacteriology services to the Hospitals is available to candidates as a means of instruction and a source of material for research and study.

DEPARTMENT OF BIOCHEMISTRY

Professors	D. L. Thomson, *Chairman* J. H. Quastel
Associate Professors	O. F. Denstedt K. A. C. Elliott R. D. H. Heard
Sessional Lecturer	Judith Saffran

Candidates who have satisfactorily completed the Honours course in Biochemistry as undergraduates may present themselves for examination for the M.Sc. degree at the end of one year's graduate work in the Department; others will usually require a qualifying year. Candidates for either degree must pass a general examination in Biochemistry, but will be judged principally by the ability they display in research. Candidates for either degree are expected to attend the graduate courses listed below and may, according to their qualifications, be required to take undergraduate courses in Biochemistry or other cognate subjects. Research work will normally be carried on within the Department, where the main projects deal with blood chemistry and with the chemistry and metabolism of steroid hormones, but some students may be permitted to work on enzymology in the Montreal General Hospital Research Institute, or on brain metabolism in the Montreal Neurological Institute, or by special arrangement in other biochemical laboratories within the University.

ADVANCED UNDERGRADUATE COURSES

32. ENDOCRINOLOGY
1 hour. *Professor Thomson*

43. ADVANCED BIOCHEMISTRY
3 hours. *Professor Denstedt*

44a. NUTRITION
3 hours, first term. *Professor Thomson*

44b. PROTEIN PHYSICAL CHEMISTRY
3 hours, second term. *Professor Thomson*

45. OXIDATION AND METABOLISM
2 hours. *Professors Thomson and Quastel*

GRADUATE COURSES

61. RECENT ADVANCES IN BIOCHEMISTRY
1 hour, second term. The subject matter varies from year to year.

62 and 63. ADVANCED ENDOCRINOLOGY I AND II.

These alternating courses are given jointly with the Departments of Medicine and Anatomy and others, and in co-operation with the Institute of Experimental Medicine and Surgery of the University of Montreal. Course 63 only will be given in 1951-52.

2 hours.

Textbooks: Selye, Textbook of Endocrinology; Pincus and Thimann, The Hormones (Academic Press).

70. SEMINAR

1 hour.

DEPARTMENT OF BOTANY

Professor	MURIEL V. ROSCOE, *Chairman*
Associate Professors	R. D. GIBBS
	S. M. PADY
Assistant Professor	E. R. WAYGOOD

Candidates who have satisfactorily completed the Honours Course in Botany or its equivalent, if accepted, will enter immediately upon a programme of courses and research leading to either the M.Sc. or Ph.D. degree. (The Honours Course in Botany consists of a minimum of six courses in advance of the elementary course, chosen from: Morphology, Taxonomy, Anatomy, Plant Physiology, Mycology, Plant Biochemistry, Genetics, Cytology, Economic Botany and Microtechnique, with at least one course in Zoology and appropriate courses in Chemistry and Physics.)

Candidates who do not quite meet the requirements as set forth in the Honours Course may be accepted as full graduate students, but may be required to spend not less than two years on work for the M.Sc. degree.

Students with insufficient background to carry graduate work in Botany may enrol for a Qualifying Year and take such work as is prescribed up to a maximum of five full courses.

For the M.Sc. degree, a student must take a minimum of two full courses (or the equivalent in half courses) from those offered below. On the advice of the Director of Research one cognate course may be substituted. He will also carry out his research project and write a thesis. It is possible for well-qualified candidates to present themselves for the M.Sc. degree at the end of one year of graduate work.

For the Ph.D. degree, a student will take such additional courses as are required to round out his general background as well as those which relate to his particular line of specialization. In any case, he must take least one course not included in his M.Sc. programme. Ph.D. candidates

must pass a general examination in Botany and also demonstrate ability in research and preparation of a thesis.

The Department specializes in work bearing on comparative anatomy of vascular plants, morphology of reproduction, embryo-sac studies, cellular metabolism of plants with special reference to enzymic mechanisms in respiration and photosynthesis, comparative chemistry of plants as related to taxonomy, tree physiology, studies in the rust fungi, host-parasite relationships and aeromycology.

Adequate laboratory and library facilities are available for research.

COURSES FOR HIGHER DEGREES

33. PLANT BIOCHEMISTRY
2 lectures; 2 laboratory periods. *Professor Gibbs*

41. MICROTECHNIQUE
1 lecture; two laboratory periods. *Professor Roscoe*

61. ADVANCED PLANT PHYSIOLOGY
2 lectures with laboratory. *Professor Waygood*

62. BIOCHEMICAL PLANT PHYSIOLOGY
2 lectures with laboratory *Professors Gibbs and Waygood*

63. PLANT ECOLOGY
Lecture, conference, field, and laboratory work. *Professor* ———

64. MORPHOLOGY OF REPRODUCTION (Half course)
Lecture, conference, and laboratory work. *Professor Roscoe*

65. ADVANCED MYCOLOGY
2 lectures with laboratory. *Professor Pady*

66. SPECIAL TOPICS (Full course or half course)
Prescribed reading, conference and practical work on selected topics within Anatomy, Taxonomy, Phytogeography, Ecology, Mycology, etc.
The Staff

DEPARTMENT OF CHEMICAL ENGINEERING

Professor J. B. PHILLIPS, *Chairman*
Associate Professor WILLIAM GAUVIN
Lecturer G. E. CHARLES

61. CHEMICAL ENGINEERING
3 hours. *Professor Phillips*

Selected topics from flow of fluids, heat transfer, diffusional operations, distillation, etc.; assignment of advanced problems. This course is open only to students who have had a previous course in Unit Operations.

MASTER'S DEGREE IN CHEMICAL ENGINEERING

Students who hold a Bachelor's degree in Chemical Engineering have the option of studying for the Master of Science degree in Chemistry or the Master of Engineering degree in Chemical Engineering.

The following courses are required for the Master of Engineering degree:

I. Chemical Engineering 61, with one of the following: Chemistry A, Chemistry 31 and 41, Chemistry 44.

II. One of the following: Chemistry N, Chemistry 35, Physics 34, Chemistry L and 46.

III. Chemical Engineering Colloquium.

IV. Thesis on a Chemical Engineering subject. The experimental work would be in heat transfer, distillation, absorption, extraction, drying, and applied physico-chemical problems.

DEPARTMENT OF CHEMISTRY

Professors	Otto Maass, *Chairman*
	W. H. Hatcher
	C. B. Purves
	C. A. Winkler
Associate Professors	J. H. Mennie
	R. V. V. Nicholls
	Alfreds Taurins
Assistant Professors	R. K. Holcomb
	A. S. Ross
	H. I. Schiff
Honorary Lecturers	W. Boyd Campbell
	S. G. Mason
	J. H. Ross

Adequate laboratory and library facilities are available for the courses listed below and for research. The Pulp and Paper Research Institute affords ample facilities for research on the structure and properties of carbohydrates, cellulose, lignin, wood, and pulp and paper.

If students admitted to the Graduate School have not taken the equivalent of any of the following courses it may be decided by the Department of Chemistry that they should do so.

31. ATOMIC STRUCTURE AND VALENCE THEORIES (Half course)
First term, 3 hours. *Professor Mennie*

34. KINETIC THEORY (Half course). Kinetic theory of gases; fundamental mathematical relations for molecular velocity, collision frequency, viscosity, thermal conductivity, diffusion, etc.; imperfect gases.

1 hour. *Professor Winkler*

Text: Loeb, Kinetic Theory of Gases (McGraw-Hill).

34L. ELEMENTARY PHYSICAL CHEMISTRY LABORATORY. Simple physicochemical methods of investigating kinetic and thermodynamic properties of gases liquids, and solutions.

3 hours laboratory. *Professor A. S. Ross and demonstrators*

Text: Daniels, Mathews, Williams, Experimental Physical Chemistry, 4th edition (McGraw-Hill).

35. THERMODYNAMICS (Full course). First and second laws, entropy, free energy, fugacity and activity, partial molal quantities, Debye-Huckel theory.

2 hours. *Professor Winkler*

Texts: Steiner, Introduction to Chemical Thermodynamics (McGraw-Hill); Lewis and Randall, Thermodynamics (McGraw-Hill).

41. INORGANIC CHEMISTRY (Half course)

Second term, 3 hours. *Professor Mennie*

44. PHYSICAL CHEMISTRY (ADVANCED) (Half course). Chemical kinetics; rates of homogenous and heterogeneous reactions; activation energy; theories of reaction mechanisms; phase rule.

First term, 2 hours; second term, 1 hour.

Professors Winkler and A. S. Ross

Texts: Taylor, Treatise on Physical Chemistry (Van Nostrand); Glasstone, Textbook of Physical Chemistry (Van Nostrand).

Reference book: Hinshelwood, Kinetics of Chemical Change (Oxford).

44L. ADVANCED PHYSICAL CHEMISTRY LABORATORY. More advanced physicochemical methods applied to equilibria, reaction kinetics, colloids, and electrochemistry.

6 hours laboratory. *Professor A. S. Ross and Demonstrators*

Text: Daniels, Mathews and Williams, Experimental Physical Chemistry, 4th edition (McGraw-Hill).

45. THERMODYNAMICS (ADVANCED) (Full course)

2 hours. *Professor Schiff*

Texts: Steiner, Introduction to Chemical Thermodynamics (McGraw-Hill); Lewis and Randall, Thermodynamics (McGraw-Hill); Wenner, Thermochemical Calculations (McGraw-Hill).

46. COLLOID CHEMISTRY (Half course). Descriptive thermodynamic and kinetic treatment of properties of surfaces, sols, emulsions, gels.

1 hour. *Professor A. S. Ross*

Texts: Hartman, Colloid Chemistry, 2nd Ed. (Houghton-Mifflin); Weiser, Colloid Chemistry, 2nd Ed. (Wiley); Adam, Physics and Chemistry of Surfaces, 3rd Ed. (Oxford); Brunauer, Adsorption of Gases and Vapors, Vol. I (Princeton).

40. CHEMISTRY AND TECHNOLOGY OF HIGH POLYMERS (Half course). Organic (carbon) and inorganic (silicon) polymers; nature of polymeric molecules; relationship between molecular structure and physical, chemical, and mechanical properties; experimental methods for controlling and determining structure of polymers; properties of commercially available materials; methods of fabrication.

1 hour. *Professor Nicholls*

47a. ELECTROCHEMISTRY (Half course). Electrolytic conduction and electrolysis; Faraday's laws; specific and equivalent conductance and measurement of conductance; mobility and transport number; theory of strong electrolytes; thermodynamics of cells; electrode potentials; concentration cells; liquid junction potentials; overvoltage and polarization phenomena, etc.

First term, 2 hours. *Professor A. S. Ross*

Text: Glasstone, Introduction to Electrochemistry (Van Nostrand).

GRADUATE COURSES

A. ADVANCED ORGANIC CHEMISTRY. Modern interpretation of the mechanisms of organic reactions, ionic and free-radical, including substitution, addition, elimination, oxidation-reduction, polymerization, and rearrangement.

3 hours per week *Professor Taurins*

B. ADVANCED TOPICS IN ORGANIC CHEMISTRY. Application of physical properties to determination of molecular structure; chemistry of heterocyclic structures containing oxygen and nitrogen; methods for structure determinations of complicated organic molecules.

2 hours per week. *Professors Purves, Nicholls, and Taurins*

J. COLLOQUIUM—ORGANIC

1 hour per week *Professors Purves, Nicholls, and Taurins*

K. COLLOQUIUM—INORGANIC AND PHYSICAL

2 hours per week. *Professors Maass, Winkler, and Schiff*

L. CELLULOSE, LIGNIN, AND RELATED COMPOUNDS. Evidence that cellulose is a linear macromolecule; methods for estimating distribution of molecular weights, and nature of supermolecular structure; behaviour of cellulose during various types of chemical reactions; chemistry of non-cellulose components of wood.

2 hours per week. *Professor Purves*

N. CHEMICAL PHYSICS. Subject matter varies from year to year; chemical kinetics, photochemistry, molecular structure, etc.

2 hours per week. *Professor Winkler*

APPLICATIONS FOR ADMISSION

In addition to official transcript (in duplicate) of the academic record, the Department of Chemistry requires two confidential letters of recommendation from professors familiar with the applicant's work, and a small, unmounted photograph.

Those students in the Graduate School who are awarded demonstratorships are required to devote not more than 12 hours of instruction in undergraduate laboratories per week during the academic session.

REQUIREMENTS FOR THE MASTER OF SCIENCE DEGREE

I. Students are required to take examinations in (a) Organic, (b) Inorganic, (c) Physical, (d) Colloid Chemistry, and other assigned courses, if any.

II. Colloquium.
Each student is required to participate in Research Colloquia which are held bi-monthly. These involve the presentation and discussion of papers dealing either with the student's own research or with recent research publications.

III. Thesis.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

I. The research work in this Department may conveniently be considered under the following heads:

(a) Organic Chemistry, (b) Inorganic Chemistry, (c) Physical Chemistry, (d) Colloid Chemistry, (e) Cellulose Chemistry. One of these (under which the research falls) is designated the "principal subject" and each of the others a "secondary subject." Graduate students are required to take examinations in both "principal" and "secondary" subjects.

Principal Subjects: Several examinations are held. Students are responsible for the subject matter of all related lecture courses and assigned reading. Cognate courses given in other Departments may be assigned and examinations required.

Secondary Subjects: The examinations are less rigorous than in the principal subject. The subject matter is more clearly defined and may include suitable lecture courses or texts, or both.

II. Colloquium—as for M.Sc., see above.

III. Thesis and Oral Examination.

EXAMINATIONS IN CHEMISTRY

Principal Subjects:

An examination is held in May of the second year. Additional special examinations may be held during the third year.

Secondary Subjects:

1. All examinations are available in May and September for candidates in the first two years.

2. A supplemental examination in any subject may be taken only on recommendation by the Department.

3. Examinations in all subjects must be passed before the candidate enters his final year, except in special circumstances and then only with the approval of the Department.

4. For candidates entering the final year, the September examinations are supplemental examinations only.

General:

1. A candidate who may wish to take examinations in any one or more secondary subjects in September of his entrance year is advised to consult the chairman of the Department as soon as possible.

2. In a secondary subject a Master of Science examination at McGill will be accepted as a Preliminary Ph.D. examination provided the standard required by the Department is obtained.

3. Students registering for an M.Sc. degree may continue to the Ph.D. without a Master's thesis if sufficient promise is shown.

Also, candidates who believe they have the necessary qualifications may apply to the director of their research for exemptions from examinations in secondary subjects. Such qualifications include a high standing in an examination taken at McGill or other University in the secondary subject. The approval of the Department is necessary for this exemption. Only one such exemption can be granted but substitution of other approved courses for secondary subjects in which the Department considers a candidate has reached the required standard is permitted.

DEPARTMENT OF CIVIL ENGINEERING AND APPLIED MECHANICS

Professors — R. E. Jamieson, *Chairman*; R. DeL. French (*post-retirement*)

Associate Professors — L. J. Arcand; Carleton Craig; J. L. DeStein

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE MASTER'S DEGREE

60. STATICALLY INDETERMINATE STRESSES
First term, 2 hours tutorial, and 6 hours computation and reports.
Professor Jamieson

61. TECHNICAL ELASTICITY.
First term, 2 hours tutorial, and 6 hours computation and reports.
Professor Jamieson

62. SECONDARY STRESSES
First term, 2 hours tutorial, and 6 hours computation and reports.
Professors DeStein

63. HIGHWAY ENGINEERING
4 hours tutorial, and 12 hours computation and reports.
Professor French and Staff

64. HYDRAULICS
First term, 2 hours tutorial, and 6 hours computation and reports.
Professor Craig

Candidates for the M.Eng. degree will be expected to take at least two courses in addition to thesis work.

DEPARTMENT OF CLASSICS

Professor — C. H. Carruthers, *Chairman*

Associate Professors — E. M. Counsell; P. F. McCullagh

Assistant Professor — C. D. Gordon

COURSES FOR THE DEGREE OF MASTER OF ARTS

CLASSICS 60. STATE AND INDIVIDUAL: POLITICAL AND ETHICAL CONCEPTS OF THE GREEKS AND ROMANS.

An intensive study of selected source material (Greek and Latin), illustrating various stages of ethical and political thought in the ancient world.
2 hours colloquia. *Professor McCullagh*

GREEK 61. HISTORY OF THE EPIGRAM
2 hours colloquia. *Professor Carruthers*

GREEK 62. READINGS IN THE GREEK HISTORIANS.
3 hours. *Professor Gordon*

LATIN 70. LUCRETIUS
3 hours. *Professor Carruthers*

LATIN 72. LATIN EPIGRAPHY AND PALÆOGRAPHY
2 hours colloquia. *Professor Carruthers*

LATIN 73. LATIN OF THE SILVER AGE
2 hours colloquia. *Professor Counsell*

COURSES IN COMPARATIVE PHILOLOGY

Professor C. H. CARRUTHERS

80. INTRODUCTION TO THE STUDY OF LANGUAGE (LINGUISTICS 21)

81. LATIN HISTORICAL GRAMMAR

82. GREEK HISTORICAL GRAMMAR

83. ELEMENTARY SANSKRIT

84. GREEK DIALECTS

85. OSCAN AND UMBRIAN

All courses except No. 80 are colloquia of two hours weekly. Course No. 80 is listed as Linguistics 21 in the announcement of the Faculty of Arts and Science, and is open to graduate or undergraduate students.

Subjects for M.A. theses must be determined in consultation with the Department.

FACULTY OF DIVINITY

Professors J. S. THOMSON, *Dean*
G. B. CAIRD
R. B. Y. SCOTT
R. H. L. SLATER
W. C. SMITH

Associate Professor H. H. WALSH

Requirements for admission to the course leading to the degree of *Sanctæ Theologiæ Magister* (S.T.M.) are stated on page 2625. The usual rules and regulations of the Faculty will apply.

The staff is prepared to offer advanced courses, and to guide students in thesis research on approved topics, within each of the following major fields: Old Testament language and literature; New Testament language and literature; Systematic Theology, including Christian Ethics; Philosophy and Psychology of Religion; Church History; and Comparative Religion. To each approved student will be assigned appropriate courses (approximately three), and these may include courses offered by other Departments of the Faculty such as Philosophy, History, or Classics. Graduate students in such Departments may be permitted or required to take courses currently offered in Divinity.

Adequate library facilities are available in Divinity Hall and elsewhere for the above mentioned courses and for other fields of research.

DEPARTMENT OF ECONOMICS AND POLITICAL SCIENCE

Professors	B. S. KEIRSTEAD, *Chairman*
	E. F. BEACH
	G. L. BURTON
	B. H. HIGGINS
	F. C. JAMES
	D. L. MACFARLANE
	DONALD MARSH
	J. M. NOVOTNY
	F. M. WATKINS
Associate Professors	J. T. CULLITON
	J. R. MALLORY
	H. D. WOODS
Lecturers	D. C. CORBETT
	J. E. DALES
	G. V. SAINSBURY
	DAVID SCHWARTZMAN
	J. C. WELDON

GRADUATE SEMINARS IN ECONOMICS

60. ECONOMIC HISTORY. The discussion in this seminar will, each year, centre around a single theme, the topic being one that lends itself to both a theoretical and historical approach.

For 1951-52 it is proposed to study population problems. The following topics will be included in the programme and discussed in the order mentioned: Modern demographic concepts and techniques; population growth

and theories in Northwestern Europe up to 1800; the Malthusian theory and population problems during the early industrial period; European migrations and the settling of North America and other areas up to 1914; modern population theories and problems.

The material for the first two topics will be presented by the instructor; the remaining part of the work will proceed by way of discussion based on papers prepared by members of the group.

Second term.

61. THE THEORY OF THE FIRM. A specialized study of the theory of the process of the firm.

First term. *Professor Keirstead*

62. INTERNATIONAL ECONOMICS. Selected problems in the theory of international trade and foreign exchange.

Second term. *Professor Marsh*

63. AGRICULTURAL ECONOMICS. The nature of agricultural production; the economics of size in agriculture; intensity of production; the pricing mechanism for farm products; agriculture in world commerce, FAO, ITO; the role of agriculture in the Canadian economy; economic problems confronting the Canadian farm industry.

First term. *Professor Macfarlane*

64. MACRO-ECONOMICS. Determinants of the general levels of income, employment, prices, production; economic fluctuations; economic trends; under-employment equilibrium and secular stagnation; conditions of economic progress; fiscal and monetary policies for maintaining full employment and preventing inflation.

First term. *Professor Higgins*

65. ECONOMETRICS. The application of mathematics and statistics to the study of economics. An acquaintance with calculus and elementary statistics is assumed.

Second term. *Professor Beach and Mr. Weldon*

66. AGRICULTURAL POLICY. The objectives of policy and the use of economic analysis as a guide to the appraisal and formation of agricultural policy; means of contributing to a solution of the problems confronting agricultural producers; the pricing of farm products; the resource and income problems; methods of achieving greater stability for agriculture and of facilitating economic progress.

Second term. *Professor Burton*

Prerequisite: Economics 63.

67. LABOUR ECONOMICS. Special problems of labour and management.
Second term. *Professor Woods and Mr. Weldon*

RESEARCH PROBLEMS. A seminar on research problems, not taken for course credit.
First and second terms. *The Staff*

REGIONAL PLANNING. A seminar on the problems of regional planning, not for course credit.
Both terms. *The Inter-Departmental Committee on Regional Planning*

71. THEORY OF ECONOMIC CHANGE. Methodological critique of theories of economic change, restatement of problems for analysis, analytical study of models involving population and technological changes in the economy as a whole.
First term. *Professor Keirstead*

72. HISTORY OF PUBLIC FINANCE. An historical and comparative study of the theory and practise of public finance.
First term. *Professor Novotny*

73. ADVANCED MONETARY THEORY
Second term. *Professors James and Brecher*

68. POLITICAL THEORY
First term. *Professor Watkins*

Prerequisite: Political Science 311 or its equivalent.

69. POLITICAL INSTITUTIONS. Topic for 1951-52: Constitutional emergency powers in Canada.
Second term. *Professor Mallory*

76. PUBLIC ADMINISTRATION. A problem of contemporary administrative interest will be selected for analysis. The exact topic will be announced later.
Second term. *Mr. Corbett*

Students who have obtained at least second class standing in the honours B.A. course in Economics and Political Science in McGill University, or who have completed at least three full courses in Agricultural Economics at Macdonald College and at least two full courses in Economics and Political Science at McGill, with at least second class standing, are eligible for admission to the M.A. course. Students who hold the B.Com. from McGill with at least second class standing over-all and in all the required courses in Economics are eligible for admission to the M.Com. course. Students with equivalent qualifications from other approved institutions are also admissible.

Candidates for the Master's degree must pass in two written examinations on the work of two Seminars. They must also pass a comprehensive oral examination in three fields of study, one of which must be Political or Economic Theory. The results of these examinations will determine not only the candidate's qualifications for the Master's degree, but also if he may continue for doctoral study. A pass for the Master's degree does not necessarily imply permission to proceed to the doctorate.

A thesis on an approved subject is also required.

The optional fields for the comprehensive examination are: Economic Theory; Economic History; Economic Policy; Money and Banking; Labour Economics; Canadian Economic Problems; International Trade; Agricultural Economics; Political Theory; Comparative Government; American Government; Canadian Government and Constitution; British Commonwealth Governments; Public Administration; International Law and International Organization.

Students who have achieved high standing in the M.A. in Economics, or the M.Com., at McGill University, or have equivalent qualifications, may be permitted to proceed to the Ph.D. in two further years, one of which may be spent at an approved institution elsewhere. Students from institutions other than McGill, who have not passed the comprehensive oral examination for the Master's degree at McGill, will be required to pass this examination before submitting a dissertation. All doctoral candidates must pass an examination in unseen translation from authors in two modern languages other than English. French-speaking candidates may translate into French, but in that case one of the languages from which they translate must be English.

McGill University is now prepared to offer instruction at the M.A. level in all the usual branches of Economics and Political Science. For the Ph.D., however, McGill is prepared to accept candidates only in the following branches: Economic Theory, Public Finance, Fiscal and Monetary Policy; Banking; International Trade; Employment Theory; Labour Economics, including wage theory and policy; Regional Economics and Economic Geography; Agricultural Economics; Political Theory; Legal Theory; Comparative Government and Comparative Legal Systems; Canadian Government and Constitution; Commonwealth Governments and Commonwealth Relations.

NOTE FOR CANDIDATES FROM THE UNITED STATES OR ABROAD

Candidates from the United States or elsewhere are advised that a Canadian honours degree in Economics and Political Science ordinarily comprises a reasonable acquaintance with the theoretic literature in both fields, a knowledge of the development of the science, and some degree of specialization in one field or the other.

DEPARTMENT OF EDUCATION

Professor JOHN HUGHES, *Chairman*

Associate Professor A. B. CURRIE

CONDITIONS OF ADMISSION

Candidates for the degree of M.A. in Education must show (a) that they have satisfied the general conditions for registration as candidates for the M.A. degree as laid down on page 2611 of the Announcement, or achieved distinction in the general course; (b) that they have attained a high standard (i.e. at least good second-class standing) in the work of the graduate year of training for the Teacher's High School Diploma, or its equivalent. On occasion, however, specially selected students may be permitted to work concurrently for the High School Diploma and for the M.A. degree in some relevant subject; in such cases the work for the M.A. must be spread over at least two years.

Candidates must also have done work in Psychology that is adequate for the needs of the M.A. course in Education, or else must complete an approved course in Psychology as part of their M.A. course. They must also supply a satisfactory report from the Graduate Record Examination; if this is impossible, they may be admitted conditionally and required to attempt this examination at the first opportunity.

COURSES FOR THE DEGREE OF MASTER OF ARTS

Candidates are required to take (a) two of the seminar courses 61, 62, 63; (b) the directed study courses 64, 65; (c) an approved *advanced* three hour course in Philosophy or in Psychology; and to prepare an adequate thesis. In special cases an approved course in Educational Psychology may be substituted for course 61, in which case Philosophy will be required in (c) above.

61. SECONDARY EDUCATION

62. COMPARATIVE EDUCATION

63. BILINGUAL EDUCATION

64. HISTORY OF EDUCATION IN CANADA

65. A SELECTED TOPIC IN GENERAL HISTORY OF EDUCATION

Every one of these courses meets for one and a half hours weekly. For the convenience of School Inspectors, Supervisors, Principals, and others, the courses are planned for Friday evenings and Saturday mornings.

DEPARTMENT OF ELECTRICAL ENGINEERING

Professors	G. A. WALLACE, *Chairman* C. V. CHRISTIE (*post-retirement*)
Associate Professors	R. A. CHIPMAN F. S. HOWES W. H. SCHIPPEL

Advanced courses of instruction and laboratory facilities are available for graduate students desiring to proceed to the Master of Engineering degree in either Electric Power or Electrical Communication Engineering, or to the Ph.D. degree in Electrical Communication Engineering.

The undergraduate communication engineering option, as given at McGill, involves, in addition to the regular courses in electric power engineering, 48 hours of lectures and 36 hours of laboratory in electron tubes and circuits; 48 hours of lectures in telephone transmission, radio-frequency lines and wave guides; 48 hours of lectures and 144 hours of laboratory in radio engineering; and 12 hours of lectures and 36 hours problems in radio design. Candidates for the M.Eng. degree in communication engineering, who come to McGill from other institutions, are expected to have had the equivalent background of training. Candidates without this preparation, who are otherwise qualified, may make up their deficiency in a qualifying year.

I. ELECTRIC POWER ENGINEERING

Courses

G401. POWER SYSTEM STABILITY	*Professor Schippel*
G402. ELECTRIC MACHINE DESIGN	*Professor Schippel*
G403. INDUSTRIAL CONTROL DEVICES	*Professor Schippel*
G404. INDUCTIVE COORDINATION	*Professor Wallace*
G405. POWER SYSTEMS PROTECTION	

Courses G401, G402, and G403 each consist of two lectures per week throughout the session, together with such reading and problems as may be assigned by the instructor. Courses G404 and G405 each consist of two lectures per week for one term, with associated reading and problems.

Course Requirements

All students proceeding to the Master of Engineering degree in Electric Power Engineering are required to take course G411 or its equivalent in

Applied Mathematics, together with such other courses from the above list as may be deemed necessary for progress in the special field of the student's interest and research.

Research

Facilities are available for studies in the following fields:

(a) Power System Stability.

(b) Design and Operation of Electric Power Equipment.

(c) Industrial Control, including Electronic Control Devices.

(d) Protection of Electric Power Systems.

(e) Electrical Measurements.

I. ELECTRICAL COMMUNICATION ENGINEERING

Courses

G411.	APPLIED MATHEMATICS	*Professor P. R. Wallace (Department of Mathematics)*
G412*	INTRODUCTION TO RADIATION THEORY	———
G413*	ENGINEERING ACOUSTICS	*Professor Howes*
G414.	RADIO EQUIPMENT DESIGN	*Professor Howes*
G415.	TELEPHONE TRANSMISSION, THEORY AND PRACTICE	*H. P. Chamberlain*
G416.	CIRCUIT ANALYSIS AND SYNTHESIS	*T. J. F. Pavlasek*
G417*	MICROWAVE THEORY AND TECHNIQUES AND R.F. PROPAGATION	*Professor Chipman*
G418.	PRINCIPLES OF ATOMIC STRUCTURE AND ENGINEERING APPLICATIONS	*Professor Chipman*
G419.	PRINCIPLES OF SERVOMECHANISMS	*Professor H. G. I. Watson (Department of Physics)*
G420.	GRADUATE SEMINAR	*Professors Chipman and Howes*

* Course G411 or its equivalent is prerequisite to courses G412, G413, and G417.

The above courses are given in the evening and each involves one two-hour lecture per week throughout the session.

Not all of these courses are given every year.

Course Requirement

The course requirement for the Master's degree in Electrical Communication Engineering is course G411, or its equivalent in Applied Mathematics, and any three of the other courses listed.

Participation in the Graduate Seminar (G419) is required of all candidates for the Master's degree in Communication Engineering in their final year.

Research

Facilities are available for research in the following fields:

(a) Circuits—Audio Frequency and High and Ultra-High Radio-Frequency.

(b) Micro-wave measurements.

(c) Radio noise studies.

(d) Antenna problems.

(e) Electro-mechanical transducers.

(f) Pulse-testing problems.

(g) Acoustical measurements.

III. THESIS REQUIREMENT

In addition to the course requirement for the Master's degree, the student is required to submit a thesis based on his own research or development work in connection with some suitable problem in the broad fields of Electric Power or Communication Engineering. The subject of the thesis must be approved by the Department of Electrical Engineering at the beginning of the year in which it is to be submitted.

IV. GRADUATE EVENING COURSES IN COMMUNICATION ENGINEERING

Graduate engineers engaged in research, design, and development work in the field of Communication Engineering require more advanced training in mathematics, field theory, and circuit theory than can be included in undergraduate courses. In addition, there are many special phases of communication engineering which require, for their mastery, such advanced training.

Graduate evening courses in Communication Engineering administered by the Extension Department have been given at McGill University since 1941. Almost all of the engineers who register for these courses are employed full-time in industry in the Montreal area. In 1946, similar courses were started in Ottawa.

It is now generally recognized that these courses provide a necessary supplement to undergraduate training in communications and, in addition, provide the opportunity for graduates to complete the course requirement for the Master of Engineering degree, while gainfully employed.

Courses

All of the courses listed under II above are given in the evening and are available to graduates employed in industry. Students so employed during the day are permitted to take not more than two courses per session.

Registration

Evening students who wish to proceed to the Master's degree are not permitted to register with the Faculty of Graduate Studies until they have completed successfully the four required courses. They may then make application to the Department of Electrical Engineering for acceptance as graduate students in that department, and if they are accepted, they may proceed with registration in the Faculty of Graduate Studies.

Thesis

The general requirements for the thesis are those shown under Section III. Under certain circumstances, an evening course student may be permitted to base his thesis on research done in an industrial laboratory.

Residence Requirement

At least one full session of resident study at McGill University is required of a candidate for a Master's degree. Evening students who attend classes at McGill may be exempted from the requirement of full-time study when they have completed the course requirement. Students who take their course work in Ottawa are required to spend a session at McGill which may be largely devoted to research and thesis preparation. Candidates for the Master's degree who are graduates of McGill and who are Civil Service employees of two or more years standing may have their residence requirement reduced to a half session only.

Fees

Fees paid by an evening course student for courses which he successfully completes will be credited toward the general graduate fee should he subsequently be accepted as a graduate student in the Department of Electrical Engineering.

V. REQUIREMENTS FOR THE PH.D. DEGREE IN COMMUNICATION ENGINEERING

(1) All the general regulations of the Faculty of Graduate Studies and Research for the degree of Ph.D. will apply.

(2) Candidates for the degree of Ph.D. in Electrical Engineering will be accepted only after they have obtained the M.Eng. degree in electrical engineering at McGill University or its equivalent from another institution, and their acceptance will depend on the standing obtained with the M.Eng. degree.

(3) A minimum of four courses of graduate level must be completed beyond the Master's degree. Of these one must be in advanced mathematics, one in physics, one in an engineering subject, and the fourth may be in any of these three fields or in some other field particularly relevant to the thesis topic of the student.

All four courses are to be chosen, in consultation with staff members, to augment most appropriately the previous work of the student.

The courses must be completed at least 12 months before the date on which the degree is obtained.

When it is planned to spread the Ph.D. programme over more than two years beyond the Master's degree, at least one course should be taken in each year except the final one.

(4) A general oral examination covering the field of electronics and communication engineering will be held not less than 12 months prior to the expected date of graduation. If the results of this are not satisfactory, written examinations may be assigned, at the discretion of the department staff.

(5) After the acceptance of the thesis an oral examination covering its contents and related material will be held.

(6) Students registering for the Master's degree who have any thought of possibly proceeding to the Ph.D. degree are advised, particularly if their Master's degree work covers more than one academic session, to attempt at least one of the Ph.D. language examinations before registering for the Ph.D. degree. They may also be permitted, subject to departmental approval, to take one or two of the additional courses required for the Ph.D. degree, in the second or later years of their Master's degree work.

DEPARTMENT OF ENGLISH

Professors	H. G. Files, *Chairman* G. I. Duthie Arthur L. Phelps
Associate Professor	A. S. Noad
Assistant Professors	Joyce Hemlow S. E. Sprott

UNDERGRADUATE PREREQUISITES

Applicants for admission to the Faculty as candidates for the M.A. degree are reminded that in addition to holding the B.A. degree, they must have obtained at least a second class in the English Honours course at McGill University, or its equivalent elsewhere. An undergraduate candidate for Honours in English at McGill normally takes, in the second, third, and fourth years, a series of courses which deal with the development of English literature from the fourteenth century to the present day, besides several other courses in English and/or in cognate subjects. Students who in the opinion of the Department clearly lack the equivalent of this training may be permitted by the Dean and the Department to take a qualifying year.

COURSES FOR THE DEGREE OF MASTER OF ARTS

Candidates for the degree of M.A. in English must take four courses, of which not more than two may be from section A below. At least one must be chosen from B; and one from C. A thesis must be written on some subject approved by the Department. Any student who has not had the equivalent of English 300 (Old English) will be required to take that course.

A

COURSES FOR UNDERGRADUATES AND GRADUATES

Any courses listed in this section which are not offered in the session of 1951-1952 will normally be offered in the following session.

Graduates choosing these courses may be asked to undertake some reading and research not required of undergraduates.

300. OLD ENGLISH — 3 hours

English Language and Literature up to the Norman Conquest. In the first term, readings from Anglo-Saxon prose; in the second term, a study of heroic poetry. The texts used are Bright's *Anglo-Saxon Reader*, and Klaeber's edition of *Beowulf*.

305. CHAUCER — 3 hours

310. MIDDLE ENGLISH 3 hours

Studies in Middle English Literature (exclusive of Chaucer).

315a. NON-DRAMATIC ENGLISH LITERATURE OF THE SIXTEENTH CENTURY 3 hours

(*Not given in 1951-52.*)

320. THE HISTORY OF THE ENGLISH DRAMA FROM THE BEGINNING TO 1642, EXCLUDING SHAKESPEARE 3 hours

325a. SHAKESPEARIAN TEXTUAL PROBLEMS 3 hours, first term

The course will deal with the early Shakespearian quartos and folios, the nature of the manuscript from which they were printed, and the principles which should guide a modern editor in arriving at an authentic text of the plays.

(*Not given in 1951-52.*)

330. ENGLISH DRAMA FROM 1660 TO THE PRESENT 3 hours

331. CONTINENTAL AND EUROPEAN AND AMERICAN DRAMA FROM IBSEN TO THE PRESENT

335. THE ENGLISH NOVEL, WITH SOME REFERENCE TO FOREIGN WORK AND RELATED TYPES

340. STUDIES IN LITERATURE SINCE 1900 3 hours

Contemporary authors, English and American, with special emphasis on novelists and dramatists.

(*Not given in 1951-52.*)

345. STUDIES IN ENGLISH PROSE EXPRESSION FROM BACON TO THE PRESENT DAY 3 hours

350a. MILTON 3 hours, first term

350b. THE POETRY OF SPENSER 3 hours, second term

355a. THE ART OF POETRY 3 hours, first term

360. ENGLISH POETRY AND SOCIETY—1798 TO THE PRESENT TIME 3 hours

365a. BRITISH POETS OF THE TWENTIETH CENTURY 3 hours, first term

365b. AMERICAN POETS OF THE TWENTIETH CENTURY 3 hours, second term

370. COMPARATIVE LITERATURE: THE CULTURE AND LITERATURE OF THE RENAISSANCE 3 hours

375. COMPARATIVE LITERATURE: THE INFLUENCE OF ENGLISH UPON EUROPEAN LITERATURE IN THE 18TH AND 19TH CENTURIES 3 hours

(*Not given in 1951-52.*)

380. COMPARATIVE LITERATURE: A STUDY OF SOME LITERARY TYPES, FROM THE RENAISSANCE TO THE PRESENT DAY 3 hours

385. COMPARATIVE LITERATURE: HISPANIC CONTACTS WITH EUROPEAN LITERATURE 3 hours

(*Not given in 1951-52.*)

390. COMPARATIVE LITERATURE: THE GREAT WRITINGS OF EUROPE 3 hours

For 1951-52, the period studied will be the Renaissance and the 17th Century.

395. ENGLISH COMPOSITION Hours arranged

An advanced course for students qualified for mature and creative writing.

B

COURSES EXCLUSIVELY FOR GRADUATES

500. MEMOIRS, AUTOBIOGRAPHIES, AND LETTERS: THE LITERATURE OF PERSONAL REVELATION. Particular periods in European Literature are drawn upon each year. For 1951-52 the programme will be the Seventeenth Century (Ambroise Paré to Mme. de Sévigné).

2 hours. *Professor Noad*

501. THE LITERATURE AND CULTURE OF THE ENGLISH RENAISSANCE, STUDIED IN RELATION TO THE CONTINENTAL BACKGROUND. Although English 370 is not a prerequisite, some general knowledge of the period is expected of students.

2 hours. *Professor Noad*

502. LITERARY CRITICISM. The nature of literature and literary criticism; the great critics and the critical thought of the West, from the beginnings in Greek criticism (with special emphasis on Plato, Aristotle, and Longinus), through the Renaissance, and down to the present time.

2 hours. *Professor Files*

504. STUDIES IN LITERARY BEGINNINGS IN CANADA. Examination of the work of writers, or groups of writers, in relation to the Canadian scene and in relation to North American and trans-Atlantic literary influences. Selected course of study involving the examination and appraisal of literary culture in Canada in one or other of the literary types, analysis of the effect of dominant influences, and of the conditions which have furthered or thwarted intellectual and æsthetic development of individuals or groups of writers. Directed reading and research.

Permission of the instructor is necessary to elect this course.

2 hours. *Professor Phelps*

505. STUDIES IN SPENSER AND MILTON. This course will deal in the first term with Spenser's thought and poetic theories, his pastorals, satires, hymns and selected cantos from *The Faerie Queene*. In the second term emphasis will be placed on Milton and Christian Humanism. Milton's thought and art will be considered in relation to his time and to our own. These studies are designed for students whose undergraduate programmes provided little leisure for a careful reading of such works as *Paradise Lost* and *The Faerie Queene*.

2 hours. *Professor Hemlow*

506. BACKGROUNDS TO SEVENTEENTH CENTURY LITERATURE. A study of developments in astronomy, the new science, religion, and morality, as they affect imagination and style in English Literature of the Seventeenth Century.

2 hours. *Professor Sprott*

C

590. A SPECIAL STUDY OF THE FIELD IN WHICH THE M.A. THESIS IS WRITTEN. Members of the Department will undertake to guide students in their reading and research.

Candidates for the M.A. will be expected, as a rule, to demonstrate their capacity for research by preparing a thesis in some special field of study. It is also possible, however, for a specially qualified student to substitute for the research thesis a suitable project in creative writing, such as a novel. Supervision will be provided when the Department has approved the choice of a project, and the student's qualifications for dealing with it.

Attention is called to a number of special fields in which the Department is ready to consider the possibility of advanced study, viz.:

Old English and Middle English

Spenser

Shakesperian textual criticism, and other studies relating to Shakespeare

Milton

Special studies in English literature since the 17th century

American and Canadian literature

Comparative literature; Utopian fiction; parody and burlesque; translation.

DEPARTMENT OF ENTOMOLOGY

(Macdonald College)

Professor W. H. BRITTAIN, *Chairman*

Associate Professors E. M. DUPORTE
F. O. MORRISON

Assistant Professor W. E. WHITEHEAD

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

60. INSECT MORPHOLOGY

1 lecture, 1 colloquium and 4 laboratory hours. *Professor DuPorte*

61. TAXONOMY. Each student must bring to the class a collection of the group of insects on which he desires to work, and may devote the greater portion of his time to a study of this group.

1 lecture, 1 colloquium and 4 laboratory hours. *Professor DuPorte*

62. INSECT PHYSIOLOGY

2 lectures and 4 laboratory hours. *Professor DuPorte*

63.* ECOLOGY

2 lectures, first term. *Professor DuPorte*

64. ECONOMIC ENTOMOLOGY

(a) Principles of Insect Control

2 lectures and 4 colloquia. *Professor Morrison*

(b) Problems of Insect Control. *Professor Morrison*

65. MEDICAL AND VETERINARY ENTOMOLOGY

2 lectures, 3 laboratory hours per week for 1 term. A more extensive course may be arranged for students interested primarily in this subject. *Professor DuPorte*

66. RESEARCH IN ENTOMOLOGY

4 laboratory periods. *Professors Brittain and Morrison*

Students are recommended to take courses offered by the Department of Zoology either as part of their major work or as a cognate subject.

67. SEMINAR

One and one-half hours weekly. *Professors Brittain and DuPorte*

* This course is also open to advanced undergraduates. (*Not given in 1951-52.*)

M.Sc. REQUIREMENTS

Candidates for admission must have had (1) satisfactory undergraduate training in mathematics, physics, chemistry and biology; (2) at least second class standing in the undergraduate courses in entomology given at Macdonald College or their equivalent.

For students who satisfy these conditions the minimum period of study is one year, for others two years, one of which is a qualifying year.

In addition to writing a thesis, the student is required to take either course 60 or 61 and at least one other course. All students are required to take an active part in the seminar.

Ph.D. REQUIREMENTS

Students who have taken a high standing in the M.Sc. in Entomology at McGill University or its equivalent, may proceed to the Ph.D. degree in two additional years. Qualified students holding a B.Sc. degree may register directly for the Ph.D., but before being allowed to enter the second year such students must pass a searching oral examination to determine their fitness to proceed.

It is strongly recommended, and may be required, that the Ph.D. candidate should spend one of the three years of full-time study at an approved university, or research institution, other than McGill.

The student is also required to spend the equivalent of two summer seasons in research work at a government laboratory or other approved research institution.

Research facilities are available within the fields covered by the courses listed. Candidates with special problems should consult the Chairman of the department before making formal application.

51/52

DEPARTMENT OF EXPERIMENTAL MEDICINE

Professor	J. S. L. Browne, *Chairman*
Associate Professors	K. A. Evelyn
	Bram Rose
	Eleanor Venning
Lecturers	K. R. Mackenzie
	L. G. Johnson
Research Fellow	Hector Mortimer

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Candidates for an M.Sc. degree in Experimental Medicine must have had a high standing in their courses for the M.D., or, in the case of candidates

without a medical degree, at least second class honours in their undergraduate courses, particularly in Physiology and Biochemistry; candidates for the Ph.D. must obtain high standing in the M.Sc. course, if taken.

A. SEMINAR

1 hour. *Professor Browne and Staff*

B. ADVANCED ENDOCRINOLOGY (to be registered for as Biochemistry 63)

2 hours; may be taken in successive years.

C. CONFERENCES on candidates' reading and research.

D. COGNATE SUBJECTS. Each student may be required to take certain courses in cognate subjects, depending on the special field of Medicine in which his research work is directed.

E. LECTURES IN PHYSIOPATHOLOGY

1 hour. *The Staff*

All candidates for the M.Sc. degree must take the above courses and devote the remainder of their time to research, the accomplishment of which, as embodied in the thesis, will be the main consideration in recommending them for the degree. Candidates for the Ph.D. will continue these courses throughout the first two years of graduate study, while the final year is entirely devoted to research.

FIELDS OF RESEARCH

In the University Clinic research is being carried out on the effects of ACTH and Cortisone on the metabolism and clinical course of various diseases, on protein metabolism and nutrition, the metabolism and excretion of various steroids including corticoids and 17-ketosteroids, pregnandiol, gonadotrophins, Vitamin C metabolism in disease, allergy and histamine metabolism, respiratory function studies in disease, cardiac catheterization and protein metabolism in animals.

Opportunities for conducting investigation along any one of these lines can be provided for a limited number of post-graduate students.

In the Research Institute of Biophysics, under the direction of Dr. K. A. Evelyn, there are being carried out studies on the physiology of arterial smooth muscle with special reference to the renal circulation and also long term clinical studies on the natural history of hypertension.

ADVANCED STUDY

In addition to courses leading to the M.Sc. and Ph.D. degrees, the Department of Medicine offers opportunities for advanced study in the clinical field to properly qualified graduates leading to the Diploma in Internal Medicine. For further information apply to the Secretary of the Faculty of Medicine.

DEPARTMENT OF EXPERIMENTAL SURGERY

Professors G. GAVIN MILLER, *Chairman*
R. R. FITZGERALD

Director of Laboratories D. R. WEBSTER

The Experimental Surgical Laboratories provide facilities for graduate research.

MASTER OF SCIENCE

A. *Prerequisites*—A candidate for the degree of Master of Science in Surgery must possess an M.D. degree together with a better than average academic record. His previous interest and experience in investigative work is taken into consideration in the selection of such a candidate.

B. *Requirements*—The majority of the student's time shall be devoted to research in some special field of investigative work. A thesis covering this subject, judged chiefly upon its original quality, shall be the prime requisite for his degree.

In addition, the student shall be required to attend certain courses of graduate instruction in the basic sciences which will be chosen, when possible, in association with his individual research problem. His work in these courses must satisfy the instructors concerned, by whatever form of examination may be deemed necessary by them.

For the purpose of supervising and directing the student's research, conferences are held frequently within the department. Such technical assistance as may not be available locally is sought elsewhere for the benefit of the student.

DEPARTMENT OF FRENCH

Professors J. E. L. LAUNAY, *Chairman*
PIERRE C. NARDIN

Associate Professors MME. LUCIE TOUREN FURNESS
MME. P. L. LARIVIÈRE

Assistant Professors LOUIS D'HAUTESERVE
ANDRÉ A. RIGAULT

COURSES FOR THE DEGREE OF MASTER OF ARTS

60. INTRODUCTION À LA LANGUE ET À LA LITTÉRATURE FRANÇAISES DU MOYEN-ÂGE.

2 hours. *Professor Nardin*

61. LA CRITIQUE LITTÉRAIRE (Histoire et Méthodes).
2 hours. *Professor Nardin*

62. PASCAL
1 hour. *Professor Larivière*

63. EXERCICES PRATIQUES (Colloquia)
1 hour.

64. LE THEÂTRE DE 1880 À 1930
1 hour. *Professor Furness*

65. COURS DE TRADUCTION AVANCÉE
2 hours. *Professor Launay*

*44a. HISTOIRE DE LA LANGUE FRANÇAISE
1 hour. *Professor d'Hauteserve*

*44b. FRENCH STYLISTICS
2 hours. *Professor Launay*

*45. HISTOIRE DU ROMAN EN FRANCE
3 hours. *Professor Launay*
(*Given 1952-53.*)

*46. HISTOIRE DE LA POÉSIE LYRIQUE EN FRANCE
2 hours. *Professor Larivière*

*47. LA LITTÉRATURE FRANÇAISE CONTEMPORAINE
3 hours. *Professor Larivière*
(*Given 1952-53.*)

*48. ADVANCED PHONETICS
2 hours. *Professor Rigault*

Candidates for the Master's degree in French will take courses 60, 61, 62, 64, 65, and one course in the Department of English selected in consultation with the Chairman of the French Department.

The M.A. thesis must be written in French.

Students cannot normally obtain an M.A. in less than two years (one year for prerequisite courses, one year for research and writing of thesis). Students from other Provinces and States where the opportunities of speaking French are small may be required to take a "Qualifying Year"

*These are also Honours Courses in the Faculty of Arts and Science.

of studies before they are accepted by the Faculty as Graduate Students. During this "Qualifying Year" students are required to take at least two full undergraduate honours courses (which they must pass with second-class standing) and such other subsidiary courses (phonetics and translation) as the Department may direct. In certain cases students accepted for the "Qualifying Year" only may be advanced to full graduate standing at the end of the first term of the winter session if they have shown sufficient promise and ability in their first three months of work.

Students from other universities applying for admission to the Graduate Faculty as French specialists must hold a B.A. degree with at least good second-class standing in French, or the equivalent. This must include an ability to speak French fluently, and a sound knowledge of French literature from 1600 to 1940. Whenever possible an interview will be arranged prior to admission to graduate standing.

REGULATIONS FOR THE MASTER OF ARTS DEGREE TAKEN IN THE FRENCH SUMMER SCHOOL

1. All work carried on towards an M.A. degree in the French Summer School is under the control and supervision of the Department of French in the Faculty of Graduate Studies of the University.

2. Requirements for the Master's degree:

(a) The student must hold the degree of B.A. from McGill University or from another institution of recognized standing, with at least second class honours in French, or the equivalent of second class honours in French as granted by McGill University—which must include an ability to speak French fluently, and a sound knowledge of French literature from 1600 to 1940.

(b) A student qualified as in 2 (a), must complete four sessions in the Advanced Section of the French Summer School with at least second class standing in the final examinations of each session.

(c) The student must prepare and present a thesis, written in French, which must be in some measure a contribution to knowledge. Its preparation is carried out under the direction of the French Department.

3. Students applying for admission to the Advanced Section of the Summer School, with the intention of proceeding towards the M.A. degree, should, as soon as possible, have a transcript of their academic record sent for appraisal to the Director of the School.

Students whose record is considered the equivalent of the B.A. degree with at least second class honours in French as granted by McGill University will be notified of their eligibility for future admission to the Faculty of Graduate Studies of the University. *At the end of their second*

session they will apply for admission to the Faculty as candidates for the M.A. degree, provided they have completed the course requirements for the first two sessions, but they will not register in the Graduate Faculty until the end of the fourth session; they must then register with the Dean as non-resident students, pending completion of the required thesis. (See also Section 18 of the General Faculty regulations, page 2617.)

Students who hold a B.A. degree but whose record is not considered the equivalent of the McGill B.A. with at least second class honours in French, may be allowed to make up the deficiency by taking more courses during their third and fourth summer sessions. They will also be admitted to the Graduate Faculty at the end of the second summer session, provided that they have obtained at least a high second class standing in the courses of the first two summer sessions.

4. In the case of students of honours standing, the first summer session consists of five courses, the second of four courses, the third of three courses, and the fourth of two courses, each course consisting of three lectures per week. The decreasing number of courses through the four sessions enables the student to devote more time to the preparation of his thesis, which must begin in the third session at latest. Each student works under the guidance of a director of research who is a member of the French Summer School staff. The only listed course which may be taken for credit in more than one session is No. 31 (in 1951 Summer School) Advanced Composition (see below).

Students may be required to take certain courses which are changed from year to year, and in any case:

30. ADVANCED FRENCH STYLISTICS. Students are advised to take this course during their second or third session.

31. ADVANCED COMPOSITION. A minimum mark of 65% must be obtained in the final examination of this course, irrespective of the final average for the set of courses taken during the session. The course must be repeated until this requirement has been met. As its material is varied each year, it can be taken a second summer for credit. If taken more than twice, it must then be carried as an extra course.

5. With the approval of the Graduate Faculty, one of the summer sessions, except the first, may be replaced by equivalent work in France or at another French Summer School.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

A. Entrance Requirements

Candidates for the Ph.D. degree in French language and literature must hold the M.A. degree in French from McGill University or its equivalent,

and their admission must be recommended by the Chairman of the Department of Romance Languages. Students who have not obtained their M.A. degree in French at McGill University will be required to (a) submit evidence of their ability to speak French and to understand French conversation and lectures, (b) undergo a written entrance examination.

In the case of students unable to come to Montreal for an interview, examination papers will be sent on request to an institution near the candidate's residence and arrangements will be made for the examination to take place under the supervision of that institution.

The examination will consist of four papers as follows:

1. Translation from English into French—1 hour: no dictionary allowed. Approximately 20 lines of easy prose to test knowledge of syntax, and approximately 20 lines of literary prose to test extent of vocabulary and feeling for the language.

2. Translation from Latin into French or English—1 hour: dictionary allowed. As an indication of the proficiency needed for this test, candidate should be able to read without difficulty: Cæsar, *De Bello Gallico*, or Cicero, *De Amicitia* or *Pro Archia*.

3. General questionnaire on the history of French Literature from 1600 to 1914—1 hour.

4. A French essay dealing with an aspect of the field in which research was done for the M.A. thesis—2 hours.

B. Courses of Study

Ph.D. candidates will normally spend two years of resident study at McGill University; on the recommendation of the Department, one year may be taken at a recognized French speaking University in Europe.

The curriculum will include seminars in,

(a) Morphology, philology, and syntax of old and modern French.

(b) Advanced phonetics and translation and stylistics.

(c) Studies in mediæval, classical, and modern French literature.

(d) Cognate courses in linguistics and comparative Romance literatures.

(e) Courses in Latin, Spanish, or Italian, as required.

The above listed seminars and the work required for them will occupy almost the whole of the candidate's time during the two years of resident study, and candidates should not expect to be able to make much progress with the Ph.D. thesis during these two years, although further resident study will not be demanded.

C. Examinations

In addition to sessional examinations held at the end of each course, candidates will be required to pass a general comprehensive examination, oral and written, at the end of their second year. The object of this examination will be mainly to ensure that students can write faultless literary French with accuracy, and lecture in French fluently and with authority.

D. Thesis

The thesis should be an original contribution to knowledge of not less than 50,000 words. It should be written in French.

E. Fields of Research

The Department is prepared to accept subjects in the following fields:

Philology, Morphology, Syntax, and Stylistics of the French Language from its origin to the present day.

Problems of Translation.

Studies in comparative literature involving French, English, and Canadian literatures.

Studies in the French novel.

Studies in French poetry from the classical period to 1914.

Problems of literary style and expression in prose.

DEPARTMENT OF GENETICS

Associate Professor — J. W. Boyes, *Chairman*

Assistant Professors — E. R. Boothroyd
F. C. Fraser
H. M. Slatis

Students in the following categories will be accepted for graduate studies in this Department:

1. Honours graduates in either Botany or Zoology at McGill who have completed at least one full course in Genetics and one full course in the non-honours subject of either Botany or Zoology.

2. Honours graduates in Functional Biology at McGill provided only that they must have a minimum of two full courses in each of Zoology and Botany and three full courses in Genetics.

3. Graduates of McGill who have taken a continuation in Genetics plus a minumum of two full courses in each of Zoology and Botany, who have an average standing of over 65%.

4. Students from other Universities or Agricultural Colleges who have records approximately equivalent to those of any of the first three categories.

5. Students who have completed the General Honours Course in Biological Subjects with standing acceptable to this Department.

Other students who have fulfilled part of the above requirements or have a sound knowledge of General Biology plus other special qualifications will normally be required to spend a qualifying session on an approved programme of studies.

The Department will welcome students from other fields of Biological Science or Agricultural Institutions who are interested in familiarizing themselves with the significance of hereditary variables in their particular fields of interest.

With the co-operation of the Department of Botany and the Faculty of Agriculture adequate laboratory, greenhouse, field, and library facilities are available for research in Plant or Animal Genetics and Cytology.

COURSES FOR HIGHER DEGREES

32a. CYTOLOGY (Half course)
First term: 2 hours and a 3-hour laboratory period. *Professor Boothroyd*

36. DEVELOPMENTAL GENETICS (Half course)
The equivalent of 1½ hours each week throughout the session.
Professor Fraser

43b. ADVANCED GENETICS AND CYTOGENETICS (Half course)
Second term: 3 hours. *Professor Boyes and Staff*
(*Not given in 1951-52.*)

44. BIOMETRY (Full course). Applications of statistics to research problems in biology.
2 hours lectures and 3 hours of computation. *Professor Slatis*

45a. GENETIC INTERPRETATION OF THE MECHANICS OF EVOLUTION (Half course)
First term, 3 hours. *Professor Boyes*

45b. POPULATION GENETICS (Half course). The rules governing the establishment of genetic equilibrium and the application of these rules to the study of evolution. Emphasis on human genetic studies.
Second term: 3 hours *Professors Slatis and Fraser*

Prerequisite: Genetics 21b or 45a.

51. SEMINAR. Weekly reports by students and staff on current researches in Cytology and Genetics.

52. BIOLOGICAL COLLOQUIUM

53. EXPERIMENTAL CYTOLOGY (Half course). About half the course will be devoted to the chemical natures of the structural components of the cell and to the techniques used in their investigation. The living cell—vital stains, micromanipulation, phase contrast. Microchemical methods of analyses of protoplasm:—fixation, special stains, enzymatic digestion, radioautography. Physical methods of analyses of protoplasm:—polarizing microscope, x-ray diffraction, ultraviolet absorption and other spectroscopic methods. The measurement of physical constants in cells.

The other half of the course will be devoted to experimental studies of particular cell structures such as the Golgi apparatus, the chondriome, the chloroplast, the secretion products, the cell membrane and the nucleus and chromosomes.

The equivalent of 1½ hours per week throught the session.

This course is given jointly by the Departments of Anatomy and Genetics with the cooperation of the Departments of Biochemistry, Botany, Physiology and Zoology.

Prerequisite: Genetics 32a or Zoology 22a or Anatomy 1a.

Courses in other Biological Sciences at McGill and courses in Plant Breeding or Animal Breeding at Macdonald College may be required when it is desirable to extend the student's general background or experience for a particular problem.

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

Courses 51 and 52 and four other courses from the above are required for the Master's degree in addition to a thesis on a research problem.

A sound knowledge of General Biology is prerequisite.

The research problem may be in Genetics or Cytology or Cytogenetics.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Only candidates who have shown indications of distinct research ability during their Master's training will be permitted to register for the Ph.D. degree. Course 51 must be taken in each year, and students must participate in the Biological Colloquium. See general regulations for further requirements.

DEPARTMENT OF GEOGRAPHY

Associate Professors	F. K. HARE, *Chairman* BOGDAN ZABORSKI
Assistant Professor	J. B. BIRD
Lecturer	W. F. SUMMERS
Honorary Lecturer	A. L. WASHBURN

The Geography Department offers the degrees of M.A., M.Sc. and Ph.D. in Geography, and (in special circumstances) an M.Sc. degree for work in Meteorology.

REQUIREMENTS FOR THE DEGREE OF MASTER OF ARTS

Arts graduates who have completed, with at least second class standing, four full courses (or their equivalent) in Geography, together with such courses in cognate subjects as the Chairman of the Department thinks appropriate, may be admitted to candidacy for the M.A. degree, and become eligible to take the examinations and submit a thesis at the end of one session. All others will normally be required to spend a preliminary qualifying session on an approved programme of studies, or to spread their M.A. work over two sessions.

Candidates must

(1) pass final examinations in two of the three graduate courses listed below;

(2) submit a thesis on an approved subject falling within the scope of one of them;

(3) attend prescribed courses in History, Economics, Sociology, or other cognate subjects.

In arriving at the candidate's final standing, primary consideration will be given to the quality of the thesis.

Regular seminar courses available for M.A. candidates are listed below as courses 61, 62, 63 and 67. In special circumstances, the student may be permitted to substitute one or more of the M.Sc. courses (64, 65 and 66).

M.A. COURSES

61. HISTORY OF GEOGRAPHICAL SCIENCE AND DISCOVERY
1 hour. *Professor Bird*

62. HISTORICAL GEOGRAPHY OF A SELECT AREA IN NORTH AMERICA
1 hour *Professor Bird*

63. REGIONALISM AND REGIONAL SURVEY
1 hour. *Professor Hare*

67. THE GEOGRAPHY OF THE ARCTIC (see under M.Sc. courses)
1 hour. *Professor Bird*

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

Science graduates who have completed, with at least second class standing, three full courses (or their equivalent) in the Department of Geography, and have taken Geology 1 or 2a, together with such other courses in cognate subjects as the Chairman of the Department thinks appropriate, may be admitted to candidacy for the M.Sc. degree and become eligible to take the examinations and submit a thesis at the end of one session. All others will normally be required to spend a preliminary qualifying session on an approved course of studies, or to spread their M.Sc. course over two sessions.

Candidates must

(1) pass final examinations in two of the three graduate courses listed below;

(2) submit a thesis on an approved subject falling within the scope of one of them;

(3) attend prescribed courses in Geology, Botany, Physics, or Mathematics.

In arriving at the candidate's final standing, the examiners will be guided mainly by the quality of the thesis.

Regular lecture or seminar courses available for M.Sc. candidates are listed below; in special circumstances the candidate may be permitted to substitute one or more of the M.A. courses (61, 62 and 63).

M.Sc. COURSES

64. ADVANCED CLIMATOLOGY
1 hour. ***Professor Hare***

65. THE PHYSICAL GEOGRAPHY OF A SELECT AREA OF NORTH AMERICA
1 hour *Professors Hare, Bird, and Zaborski*

66. CARTOGRAPHY, WITH PARTICULAR REFERENCE TO SPECIAL PURPOSE MAPS
1 hour. *Professor Zaborski*

67. THE GEOGRAPHY OF THE ARCTIC

A seminar course conducted by members of the staffs of the Department and of the Arctic Institute of North America.

1 hour. *Professor Bird*

Adequate laboratory and library facilities exist for research in all the above-named fields of study.

M.Sc. IN METEOROLOGY

A limited number of students who have adequate training in Mathematics and Physics, and who have access to facilities for research in Meteorology, may be accepted as candidates for the M.Sc. in that subject.

REGULATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Students who have attained high standing in the M.A. or M.Sc. in Geography at McGill University, or have equivalent qualifications, may be permitted to proceed to the Ph.D. in two further years. Only in exceptional circumstances will a student be allowed to register for the Ph.D. without having first taken the Master's degree.

All Ph.D. students will be required to undertake at least one extended programme of supervised field work.

Normally the Department will restrict admission to the Ph.D. course to students prepared to work in one or other of the following fields: The Physical, Regional, and Historical Geography of North America (including the Arctic) and Europe, The History of Geographical Exploration in North America, and Climatology.

Ph.D. COURSE WORK

A broad familiarity with the entire field of geographical science will be assumed in all students who enter the Ph.D. years of graduate study. A formal routine of course-work will not be laid down for such students, as their needs may differ, but in general it may be said that four or five formal courses (selected by the Department) beyond the requirements of the Master's Degree will be suggested. Before he is permitted to submit his thesis, the student will be required to present himself for written examination in the following fields:

1. Two three-hour papers in the systematic branches of geography (viz. physical, economic, and historical geography; cartography).

2. Two three-hour papers in the geography of selected major regions (e.g. Europe, Canada, the Arctic).

In these papers, the student will be expected to demonstrate a high level of professional competence, especially as regards familiarity with the literature, methodology, and organization of modern geography.

In accordance with the regulations of the Graduate Faculty, these examinations will normally be held at the end of the second year.

DEPARTMENT OF GEOLOGICAL SCIENCES

Professors	JOHN J. O'NEILL, *Chairman*
	T. H. CLARK
	J. E. GILL
	E. H. KRANCK
Associate Professor	J. S. STEVENSON
Assistant Professor	J. E. RIDDELL

GENERAL STATEMENT

Entrance to graduate work in Geological Sciences may be through the course in Mining Engineering (B.Eng. with good second class standing) or through the honours course in Geological Sciences (B.Sc., honours Geology).

Graduate students in this Department must present evidence of satisfactory field work under competent direction for at least one summer, before being eligible for an advanced degree.

COURSES FOR THE MASTER'S DEGREE

Students who have not satisfactorily completed courses equivalent to the undergraduate courses listed below must make up any deficiency, and, in addition take graduate courses, A, B, E, and one other as advised. The thesis must conform to the general regulations.

UNDERGRADUATE COURSES

231a. FIELD GEOLOGY (Fac. Eng. 1145). Third year (Half course). Surface and underground geological field survey methods. Preparation of geological maps, sections, models and reports from field notes, diagrams, aerial photographs, etc.

First term: 1 lecture and 2 laboratory periods per week. During the first 6 weeks the laboratory work is replaced by field work.

Professor Riddell

Prerequisites: Surveying 324 and 352.

References: Lahee, Field Geology (McGraw-Hill); McKinstry, Mining Geology (Prentice-Hall).

232b. STRUCTURAL GEOLOGY (Fac. Eng. 1146). Third year (Half course). A systematic survey of rock structures, their origins and practical importance. Laboratory periods will be devoted to practical probems.

Second term: 2 hours and 1 laboratory period. *Professor Gill*

Prerequisites: Geology 121, 221.

Reference: Billings, Structural Geology, 1942 (Prentice-Hall).

233b. HISTORICAL GEOLOGY. Earth origin. Geological time and time table. Principles of correlation. Index fossils. Origin and development of continents and oceans; geosynclines, epicontinental seas, and coastal plains; terrestrial sediments. Paleogeography and paleogeology. The main part of the course will deal first with the physical development, period by period, of North America, with brief attention to other continents, and second, with the attendant evolution of life as revealed by fossils.

Second term: 2 lectures and one 2-hour laboratory period.

Prerequisite: Geology 121. *Professor Clark*

Textbook: Dunbar, Historical Geology, 1949.

331a. OPTICAL CRYSTALLOGRAPHY. Topics covered in the lectures include refraction and double refraction, polarization of light, and the nature of and reason for the various optical characters exhibited by crystals. The laboratory course gives practice in the determinations of these characters, using the polarizing microscope, axial angle, and other instruments.

1 lecture and 3 hours laboratory period, first term. *Professor Stevenson*

Prerequisites: Geology 121, 221.

References: Larsen, Microscopic Determination of Nonopaque Minerals, 1934, Bull. 848 U.S. Geol. Surv.; Wahlstrom, Optical Crystallography, 1949 (Wiley); Winchell, Elements of Optical Mineralogy, Part I, 1937 (Wiley).

332a. PETROLOGY (Fac. Eng. 1144). The common igneous, sedimentary, and metamorphic rocks are described and their modes of occurrence discussed. In the laboratory, the student learns to identify such rocks by methods used in the field.

2 hours and laboratory period. *Professor Kranck*

Second term.

Prerequisites: Geology 121, 221.

Textbook: Pirsson and Knopf, Rocks and Rock Minerals (Wiley, 1926).

333b. PETROGRAPHY (Fac. Eng. 1148). Third year. The examination and identification of rock minerals and rocks by means of the petrographic microscope.

Second term: 2 hours and 1 laboratory period. *Professor Kranck*

Prerequisite: Geology 332a.

Textbook: Rogers and Kerr, Optical Mineralogy.

341b. PALEONTOLOGY. The development of ideas concerning the origin of fossils. Kinds of fossils; collecting, preparation, and naming of fossils. Brief survey of systematic paleontology, following the standard biological classifications, with emphasis on fossil animals. The stratigraphic and economic importance of paleontology. The influence of paleontology upon the doctrine of evolution.

Second term: 2 lectures and laboratory and 1 full day's field work in April. *Professor Clark*

This may be omitted as a requirement for some M.Sc. students.

Prerequisite: Geology 121 or Zoology 11.

342a. GEOMORPHOLOGY. A study of the surface features of the earth, their origins, changing aspects, and influence on human activities. Special attention is given to the significance of various land forms in relation to soils, bedrock, and rock structure and the distribution of natural resources. Maps, photographs, and local topographies provide illustrations.

First term: 2 lectures and 1 laboratory period. *Professor Riddell*

Prerequisite: Geology 121.

Textbook: Lobeck, Geomorphology, 1939 (McGraw-Hill).

343a. STRATIGRAPHY. The principles of sedimentation—weathering; sources and origin of sedimentary rocks; significance of their textures and structures. The structural relationship of strata; areal distribution of sedimentary rocks.

Reference is made throughout the course to matters of economic importance.

First term: 2 hours, 1 hour laboratory, and 2 full days of field work during October. *Professor Clark*

Prerequisite: Geology 121.

Textbook: Twenhofel, Principles of Sedimentation, 2nd ed., 1950.

344b. MINERALOGRAPHY. Fourth year (Half course). Identification of ore minerals in polished sections by means of the reflecting microscope; interpretation of their textural relationships and paragenesis as related to ore genesis.

Second term: 1 lecture and 2 laboratory periods.

Professors Stevenson and Riddell

Prerequisites: 331a or permission of instructor.

References: Bastin, Interpretation of Ore Textures, Memoir 45, Geological Society of America, 1950; Edwards, Textures of the Ore Minerals, Australian Institute of Mining and Metallurgy, 1947; Short, Microscopic Determination of the Ore Minerals, U.S. Geological Survey Bulletin 914, 1940.

441. ORE DEPOSITS (Fac. Eng. 1162). Nature, origin, mode of occurrence and classifications of deposits of metallic, and of important non-metallic minerals; typical occurrences; geographical distribution.

2 hours, with laboratory in second term. *Professor O'Neill*

Prerequisites: Geology 232b, 332a.

References: Emmons, Principles of Economic Geology, 1940 (McGraw-Hill); Bateman, Economic Mineral Deposits, 1942 (Wiley).

442b. GEOLOGY AND NATURAL RESOURCES OF CANADA (Fac. Eng. 1160). A systematic survey of the surface features, soils, bedrock geology, mineral resources, forests, water powers and other minor resources of Canada. Maps and photographs are used to illustrate the course.

Second term: 3 hours. *Professor Gill*

Prerequisites: Geology 232b, 233b, 332a.

Assigned Readings.

GRADUATE COURSES

A. STRUCTURAL GEOLOGY

Lectures and colloquia, 2 hours. *Professor Gill*

B. GEOLOGICAL COLLOQUIUM

This course must be taken by all graduate students in Geology in the first and second years. *Professor Kranck*

E. PETROLOGY AND PETROGRAPHY

3 hours and laboratory. *Professor Kranck*

Textbooks: Bowen, Evolution of Igneous Rocks (Princeton University Press); Tyrrell, Principles of Petrology (Dutton); Harker, Metamorphism (Methuen); F. J. Turner, Evolution of the Metamorphic Rocks (G.S.A. Mem. 31).

I. GEOLOGY AND PROBLEMS OF THE PRE-CAMBRIAN
Lectures and seminar at least 2 hours per week, second term.
Professor O'Neill

J. GEOLOGICAL MAP INTERPRETATION
1 hour seminar with assigned problems. *Professor Gill*

L. ADVANCED PETROLOGY AND PETROGRAPHY
Seminar and at least 9 hours laboratory work per week.
Professor Kranck

M. ADVANCED MINERALOGY
3 hours seminar and laboratory per week. *Professor Stevenson*

N. ADVANCED STRATIGRAPHY
Hours to be arranged. *Professor Clark*

O. PHYSIOGRAPHY
Seminar 1 hour. *Professor Gill*

P. ADVANCED PALEONTOLOGY
Hours to be arranged. *Professor Clark*

Q. ADVANCED ECONOMIC GEOLOGY
Seminar, 2 hours. *Professors O'Neill and Gill*

R. ADVANCED STRUCTURAL AND DYNAMICAL GEOLOGY
At least 2 hours seminar per week. *Professor O'Neill*

Courses for the Degree of Doctor of Philosophy will be selected from the list of graduate courses according to the student's particular interest, on the advice of his director of research. The thesis must conform to the general regulations

DEPARTMENT OF GERMAN

Professor W. L. GRAFF, *Chairman*
Assistant Professor BERTHA MEYER

PREREQUISITES

In order to be admitted to graduate work in German the candidate must have a B.A. degree with Honours in German and at least second class standing from McGill University, or an equivalent B.A. degree from another College or University of recognized standing.

In estimating the quality and contents of the required undergraduate work the following factors must be borne in mind:

1. The candidate must be able to understand and read German. He must be able to speak it fairly fluently and to write it correctly. Lectures and Seminars are conducted in German. The thesis must be written in German, under the supervision of the Department.

2. Prerequisite literary studies include

(a) A survey of German literature from its beginnings to the 20th century, with emphasis upon developments since Lessing, supplemented by collateral readings (two full courses).

(b) A more detailed study of several special fields. In this respect the undergraduate curriculum of McGill University comprises one full course in the history of the tragedy (one year), one half course in the German lyric, and one half course on Goethe's Faust. Substitutes for these, if found satisfactory, will be honoured by the Department.

(c) A full course in the Middle High German Language and the reading of selected passages from Middle High German Literature (one year).

COURSES FOR THE DEGREE OF MASTER OF ARTS

61. GOETHE
1 meeting weekly. *Professor Graff*

62. LESSING
1 meeting weekly. *Professor Meyer*

63. GERMAN ROMANTICISM
1 meeting weekly. *Professor Graff*

64. GOTHIC AND INTRODUCTION TO GERMAN PHILOLOGY
1 meeting weekly. *Professor Graff*

10. FROM NATURALISM TO EXPRESSIONISM
3 hours. *Professor Graff*

13. HISTORY OF THE TRAGEDY IN GERMAN LITERATURE
2 hours. *Professor Graff*

Courses 10 and 13 are Advanced Honours Courses in the Faculty of Arts and Science. If not already taken they may be chosen for the M.A. degree under the conditions outlined in the following paragraphs.

When German is taken as the only or major subject two courses are selected from 61, 62, 63, in consultation with the Department.

If the candidate has never taken the undergraduate course in Middle High German Language and Literature or its equivalent, he must make up this deficiency.

A student intending to proceed to the Ph.D. degree in German at another university is strongly recommended to take course 64 in addition to the two selected.

As a rule the candidate is advised not to attempt to complete the course work and finish the thesis in one winter session. The best arrangement is: Course studies during the winter session, thesis during the summer, graduation in the autumn.

When German is the cognate subject chosen by the candidate, at least one course is selected from 61, 62, 63, in consultation with the Department, and the other course may be 10 or 13. The Middle High German requirement is not essential in this case.

NOTICE TO CANDIDATES FOR THE Ph.D. DEGREE IN OTHER ARTS OR SCIENCE SUBJECTS

The Department offers a course for graduate students who are required to pass a special test showing that they have a reading knowledge of German. This course is given once a week at 5 p.m. on a day to be arranged. It is not designed to build up that reading knowledge by a systematic approach, but rather to guide and advise students in their own efforts and to help solve their difficulties. Those who decide to take it should do so during the session preceding that in which the required language test is held.

DEPARTMENT OF HISTORY

Professors	H. N. Fieldhouse, *Chairman*
	E. R. Adair
Associate Professors	J. I. Cooper
	C. C. Bayley
Assistant Professors	M. Mladenovic
	W. S. Reid

The honours B.A. in History, which is prerequisite to Graduate work in the subject, may be taken in History alone or in History and another subject. When it is taken in History alone, it requires eight full courses in European, Canadian, British and U.S. history, taken in a prescribed sequence, together with certain other approved courses, notably in foreign languages. It also requires the investigation, continued through two years, of a Special Subject which is studied intensively from original sources. When the honours degree is taken in History with another subject, seven courses are taken instead of eight and the Special Subject is omitted. Graduate students who enter with this latter qualification may find it necessary to make good any deficiency in their preparation and the Department is prepared to make this possible.

COURSES FOR THE DEGREE OF MASTER OF ARTS AND DOCTOR OF PHILOSOPHY

A. HISTORICAL METHOD AND THE PHILOSOPHY OF HISTORY

This seminar consists of two sections:

(1) Historical Method and Criticism

1½ hours throughout the session. *Professors Adair, Bayley, and Cooper*

(2) Philosophy of History

1½ hours, second term. *Professor Fieldhouse*

B. THE HISTORY AND PERSONNEL OF THE ENGLISH HOUSE OF COMMONS IN THE LATE XIV CENTURY

Seminar, 1 hour. *Professor Bayley*

C. THE WYCLIFITE MOVEMENT IN ITS RELIGIOUS AND SOCIAL ASPECTS

Seminar, 1 hour. *Professor Bayley*

D. SIXTEENTH CENTURY SCOTLAND

Seminar, 1 hour. *Professor Reid*

E. THE SEVENTEENTH CENTURY

Seminar, 1 hour. *Professor Adair*

F. ENGLISH HISTORY, 1688-1760

Seminar, 1 hour. *Professor Fieldhouse*

G. ENGLISH HISTORY, 1870-1914

Seminar, 1 hour. *Professor Reid*

H. WESTERN EUROPEAN HISTORY, 1870-1914, WITH SPECIAL REFERENCE TO BRITISH FOREIGN POLICY

Seminar, 1 hour. *Professor Fieldhouse*

I. A SELECTED PERIOD IN THE HISTORY OF FRENCH CANADA, DOWN TO 1800

Seminar, 1 hour. *Professor Adair*

J. A SELECTED TOPIC IN CANADIAN HISTORY, 1800-1900

Seminar, 1 hour. *Professor Cooper*

K. HISTORY OF A QUEBEC PARISH

Seminar, 1 hour. *Professor Adair*

The Department is prepared to direct the research of graduate students in the following fields:

British History:

(a) English history in the later Middle Ages.

(b) Scottish history in the XV and early XVI centuries.

(c) English and French history in the XVI and XVII centuries.

(d) English history, 1688-1760.

(e) English history, 1870-1914.

(f) Certain aspects of English economic history.

(g) Certain aspects of British foreign policy since 1815.

European History:

(a) The constitutional development of the Holy Roman Empire in the XIII century.

(b) English and French history in the XVI and XVII centuries.

(c) The history of western Europe 1870-1914.

Canadian History:

(a) The history of New France.

(b) The history of the French and English in the Province of Quebec.

(c) The general history of English-speaking Canada.

The Redpath Library is well equipped with printed sources for the periods and subjects mentioned above, and students pursuing research in Canadian History will be required, as occasion arises, to avail themselves of the manuscript resources of the Dominion Archives at Ottawa and the Provincial Archives at Quebec, and of parochial and other records in Montreal and its vicinity.

Graduate work in the Department of History is directed through seminars and conferences. Students are expected to acquire a sound knowledge of methods of historical research and the ability to apply them in practice. Candidates both for the M.A. and for the Ph.D. are therefore required to take Course A, and to take the prescribed examination.

In the case of the Ph.D. degree, the Department may require candidates to spend one year (or, in the case of McGill graduates, if it should seem desirable, two years) in resident study and research at another approved university or repository of archives. In all such cases, the approval of Faculty is required.

The preliminary Ph.D. examination requirements (discussed in this Announcement, in the section dealing with the general regulations for the degree of Doctor of Philosophy), will be replaced by a report from the Department of History on the general work and ability of each candidate and by a general examination on the historical background of the subject on which the thesis is to be written; this examination can be taken either at the end of the first year or during the second, as decided by the director of the candidate's studies.

Candidates are advised to satisfy the language requirements for the degree of Doctor of Philosophy as early as possible in their course; they should consult the Department as to the selection of the two foreign languages in which they propose to be examined, as these must be chosen for their bearing upon the candidate's special field and the special subject of his research.

DEPARTMENT OF HORTICULTURE

(Macdonald College)

Associate Professor	H. R. MURRAY, *Chairman*
Assistant Professors	J. DAVID
	A. N. NUSSEY
Lecturer	D. W. PETTIT

Adequate laboratory and library facilities are available for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. POMOLOGY
Lectures and colloquium, 3 hours; laboratory, 3 hours.

B. VEGETABLE CROPS
Lectures and colloquium, 3 hours; laboratory, 3 hours.

C. FRUIT AND VEGETABLE PRESERVATION.
Lectures and colloquium 3 hours; laboratory, 3 hours.

D. EXPERIMENTATION. (See Course 60—Department of Agronomy)

E. PLANT PHYSIOLOGY. (See Course 61—Department of Botany)

F. ADVANCED GENETICS AND CYTOLOGY. (See Course 43b—Department of Genetics)

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

1. A candidate must select either Course A or Course B and in addition Agronomy 60 (Experimentation) and at least one further course approved by the Faculty such as Botany 61 (Plant Physiology) or Genetics 43b (Advanced Genetics and Cytogenetics).

2. The research problem must be approved by the Departments involved, each candidate being jointly responsible to the Department of Horticulture and to some other Department, such as Botany, Genetics, or Plant Pathology, approved by the Faculty for his case.

3. The candidate must spend one summer in the Department before or during the course, or have its equivalent at some other approved institution.

FACULTY OF LAW

Professors	W. C. J. Meredith, *Dean*
	Louis Baudouin
	J. C. Cooper
	F .R. Scott
Associate Professor	Maxwell Cohen
Lecturer	Julius Gazdik

COURSES FOR THE DEGREE OF MASTER OF CIVIL LAW

Candidates must hold the degree of B.C.L. with at least second class honours from McGill University, or its equivalent. They must select one of the four following departments of study, in which they must follow at least one course throughout a session of residence, and must under supervision prepare an acceptable thesis. The general rules for the Master's degree will apply.

The departments of study, which may not all be offered each year, are

Roman Law

Civil Law

Commercial and Maritime Law

Public Law, including International Law

Students may also be required to follow cognate courses in other Departments of the Faculty.

COURSES FOR THE DEGREE OF MASTER OF LAWS

This degree is offered only in the Institute of International Air Law (J. C. Cooper, *Director*). Candidates must hold a degree in Law, and those very highly qualified or recommended can be accepted; it is desirable that they should possess a working knowledge of both English and French.

The curriculum consists of at least one session's resident study at the Institute. Students whose work is found satisfactory will be permitted to submit a dissertation on an approved subject within the field of the Institute's work during the following year, even though not then in residence. They must be registered, as resident or non-resident, for the session in which the dissertation is submitted. A very high standard will be required for this degree.

Students will be required to take four half-courses in each of the two terms of the session of resident study; these must include the two courses listed first below, which are prescribed, and the others will normally be selected from the others listed.

International Transport Law
Public International Air Law
Private International Air Law
International Air Regulations
International Law
International Relations
International Trade (Economics 424a and 62)
Principles of Maritime Law
Principles of Civil Law

DEPARTMENT OF MATHEMATICS

Professors	H. TATE, *Chairman*
	P. R. WALLACE
	W. L. G. WILLIAMS
	HANS ZASSENHAUS
Associate Professors	CHARLES FOX
	E. M. ROSENTHALL
Assistant Professors	J. D. JACKSON
	J. LAMBEK
	T. F. MORRIS

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

Applied Mathematics

61. METHODS OF MATHEMATICAL PHYSICS. Introduction to the equations of mathematical physics, classification of differential equations, integral representations, the solution of problems of mathematical physics involving the Laplace, Poisson, and scalar and vector Helmholtz and wave equations; tensor calculus.

2 hours. *Professor Morris*

Textbook: H. Feshbach and P. M. Morse, Methods of Theoretical Physics (Technology Press, M.I.T.).

62. QUANTUM MECHANICS (Physics 62). Introduction to the ideas and methods of quantum theory, with illustrations from the simpler applications in atomic and nuclear physics.

2 hours. *Professor Jackson*

Textbook: L. Schiff, Introductory Quantum Mechanics (McGraw-Hill).

References: Rojansky, Introductory Quantum Mechanics (Prentice-Hall); Pauling and Wilson, Introduction to Quantum Mechanics (McGraw-Hill); Frenkel, Wave Mechanics, Elementary Theory (Oxford); Gurney, Elementary Quantum Mechanics (Cambridge); Mott and Sneddon, Wave Mechanics (Oxford).

63. ADVANCED QUANTUM MECHANICS. The course is divided into two parts, to be given in successive years. Part (1) consists of Methods of Advanced Quantum Theory, including non-relativistic and relativistic scattering processes, Dirac electron theory, interaction of radiation with atomic and nuclear systems, quantum electrodynamics, quantum field theory. Part (2) consists of Quantum Mechanics of Nuclear Processes, including nuclear ground state properties, nuclear forces, structure of nuclei, beta and gamma emission, nuclear reactions.

Part (1) will be given in 1951-52. *Professor Wallace*

References, Part (1): Heitler, Quantum Theory of Radiation (Oxford); Kramers, Quantentheorie (Edwards); Mott and Massey, Theory of Atomic Collisions (Oxford); Pauli, Wellenmechanik (Edwards); Schiff, Quantum Mechanics (McGraw-Hill); Wentzel, Quantum Theory of Fields (Interscience).

References, Part (2): Bethe, Elementary Nuclear Theory (Wiley); Fermi, Nuclear Physics (Chicago); Gamow and Critchfield, Atomic Nucleus and Nuclear Energy Sources (Oxford); Rosenfeld, Nuclear Forces (Interscience).

64. MATHEMATICS OF QUANTUM CHEMISTRY. Atomic structure, chemical bonding, theory of valency, elements of quantum statistical mechanics: for second year graduate students.

2 hours. *Professor Wallace*

Textbooks: Heitler, Elementary Wave Mechanics (Oxford); Glasstone, Theoretical Chemistry (Van Nostrand).

References: Pauling and Wilson, Introduction to Quantum Mechanics (McGraw-Hill); Dushman, Elements of Quantum Mechanics (Wiley); Gurney, Elementary Quantum Mechanics (Cambridge); Mott, Outline of Wave Mechanics (Cambridge); Penney, Quantum Theory of Valency (Methuen); Eyring, Kimball & Walter, Quantum Chemistry (Wiley).

65. STATISTICAL MECHANICS AND KINETIC THEORY OF MATTER (Physics 65). Classical and quantum statistical mechanics, with applications; statistical theories of the gaseous, liquid and solid states, including kinetic theory of gases, Debye theory of specific heats, dielectrics and magnetism, theory

of strongly degenerate gases, Planck radiation law, electron theory of metals, Bose-Einstein condensation theory of liquid helium II.

2 hours. *Professor Morris*

Textbook: Lindsay, Physical Statistics (Wiley).

References: Mayer and Mayer, Statistical Mechanics (Wiley); Fowler, Statistical Mechanics (Cambridge); Tolman, Statistical Mechanics (Oxford); Schrödinger, Statistical Thermodynamics (Cambridge); Rice, Statistical Mechanics (Constable); Kennard, Kinetic Theory of Gases (McGraw-Hill); Loeb, Kinetic Theory of Gases (McGraw-Hill).

66. RELATIVITY. The Lorentz transformation, mechanics in special theory of relativity, relativistic formulation of electromagnetic theory. Motion of particles in the electromagnetic field, the physics of relativistic particles, with reference to high-energy accelerators and cosmic ray phenomena, spinor calculus, the Dirac theory of the electron, relativistic invariance in quantum theory. Other relativistic fields, e.g. meson.

2 hours. *Professor Wallace*

References: MacCrea, Relativity Physics (Methuen); Bergmann, Introduction to the Theory of Relativity (Prentice-Hall); Heitler, Quantum Theory of Radiation (Oxford).

68. ELECTROMAGNETIC THEORY. General properties of the electromagnetic field, relativistic formulation of the theory. Fields and radiation produced by relativistic particles, with application to the angular and frequency distribution from particles in high energy accelerators. Interaction of radiation and charged particles with matter, energy loss, bremsstrahlung, Weiszacker-Williams method. Radiation reaction and damping, classical divergence difficulties. Radiation by finite systems, multipole expansion, angular momentum of radiation, semi-classical treatment of radiation from quantized systems.

2 hours. *Professor Jackson*

References: Heitler, Quantum Theory of Radiation (Oxford); Stratton, Electromagnetic Theory (McGraw-Hill).

69. SEMINAR IN APPLIED MATHEMATICS. Graduate students proceeding to an advanced degree with specialization in Applied Mathematics will be expected to attend and to participate in this seminar, which will be devoted to discussions of current research topics.

Professors Jackson, Morris, and Wallace

Algebra and Theory of Numbers

71. MODERN ALGEBRA. Polynomials in a field, factorization of polynomials, algebraic equations, finite extensions, splitting fields. Automorphisms.

Groups, simple properties of groups. Galois theory, solving of algebraic equations by radicals. Solvable groups. Applications (Galois fields, geometric problems). Hypercomplex numbers, semi-simple algebras, skew fields. Applications to representation of groups. Ideal theory.

2 hours. *Professor Zassenhaus*

Textbooks: Albert, Modern Algebra (University of Chicago Press).

73. DIOPHANTINE ANALYSIS AND ALGEBRAIC NUMBERS. This course will serve as an introduction to the problems of Diophantine analysis, will develop the theories of algebraic number fields and integral quaternions, as a basis for application to Diophantine problems and will include some of these applications.

2 hours. *Professor Rosenthall*

Textbook: Skolem, Diophantische Gleichungen.

Analysis

80. INFINITE SERIES. A development of the theory and application of infinite series which will include an introduction to Fourier Series and divergent series.

2 hours. *Professor Williams*

Textbook: Knopp, Theory and Application of Infinite Series (Blackie).

(*Not offered in 1951-52.*)

81. TOPICS IN MODERN ANALYSIS. Fourier series. Fourier integrals and transforms. Functional spaces. Integral equations.

2 hours. *Professor Fox*

Prerequisites: Mathematics 34b, 44.

References: Whittaker and Watson, Modern Analysis; Titchmarsh, Theory of the Fourier Integral.

82. SPECIAL FUNCTIONS

2 hours. *Professor Rosenthall*

(*Not offered in 1951-52.*)

83. CALCULUS OF VARIATIONS. First and second variations of an integral. Principle of least action and Hamilton's principle. Isoperimetrical problems. Rayleigh-Ritz principle. Strong variations, theories of Weierstrass and Hilbert. Complete solutions of selected problems.

2 hours. *Professor Fox*

References: Bolza, Lectures on the Calculus of Variations; Bliss, Calculus of Variations.

(*Not offered in 1951-52.*)

Geometry

92. METRIC DIFFERENTIAL GEOMETRY. The point of view and the material employed here are based almost entirely on Forsyth's *Lectures on Differential Geometry*. The following more general subjects are included: space curves, general theory of surfaces, organic curves on surfaces, deformation of surfaces, triply orthogonal systems of surfaces.

(*Not offered in 1951-52.*)

Reference: Forsyth, Differential Geometry.

93. ANALYTIC AND SYNTHETIC PROJECTIVE GEOMETRY. The course will follow a classical presentation. Some of the topics emphasized are: perspectivity and projectivity, projective theorems relating to the conics, groups of linear transformations, correlations and polarities.

2 hours. *Professor Tate*

Reference: Campbell, Advanced Analytic Geometry.

(*Not offered in 1951-52.*)

History

100. HISTORY AND DEVELOPMENT OF MATHEMATICS. Mathematics in the pre-Greek world, among the Arabs, in Renaissance Europe, in the post-Renaissance period, and in the Nineteenth Century. The modern period. Development of mathematics from the historical point of view. Lectures, reading, and reports. The emphasis is on mathematical ideas rather than on biography.

2 hours. *Professor Williams*

Textbook: Bell, Development of Mathematics; Neugebauer, Vorgriechische Mathematik; Gow, Greek Mathematics.

(*Not offered in 1951-52.*)

General Remarks

1. The following undergraduate mathematical courses may, in special circumstances, be taken for graduate credit:

Listed in the Arts and Science Announcement—

31 Statics and Dynamics; 33 Differential Equations and Advanced Calculus; 34b Analysis I; 41 Mathematical Physics; 42 Algebra; 44 Analysis II; 45a Numerical Analysis; 46b Mathematical Theory of Electricity and Magnetism; 46a Fluid Dynamics; 48b Advanced Dynamics; 49 Mathematical Statistics.

Listed in the Engineering Announcement—

201 Differential Equations.

2. The attention of students taking the course for M.A. or M.Sc. is called to the University requirements described on pages 2612, 2619 and 2621 of this announcement. Students seeking an M.A. or M.Sc. with mathematics as a major subject are required to pass in at least three graduate courses and present an acceptable thesis. They may be required to submit to an examination on the subject matter of the thesis and the general background of the field of mathematics with which the thesis is concerned.

3. Attention is called to the evening courses leading to the degree of Master of Engineering, which are described in this announcement under the Department of Electrical Engineering, and to other evening courses.

4. Owing to the increasing impact of Pure and Applied Mathematics upon a large variety of fields of study, attention is particularly called to the possibility of arranging a suitable programme of mathematical courses to meet the individual needs of graduate students majoring in fields other than those listed above.

5. The attention of students who contemplate working for a Ph.D. degree with Mathematics as a major subject is called to the University regulations on pages 2626-2629 of this announcement. Properly qualified students may be admitted to candidacy for the Ph.D. in Pure Mathematics or in Applied Mathematics by the Graduate Committee of the Department with the approval of the Dean of the Faculty of Graduate Studies and Research. Except in very exceptional cases, students would be admitted to candidacy only after having completed the work for the master's degree at McGill or elsewhere with distinction. The degree is awarded on the basis of the attainment of a good knowledge of mathematics in general and the writing of a thesis which definitely advances the subject which it treats.

DEPARTMENT OF MECHANICAL ENGINEERING

Professor	C. A. Robb, *Chairman*
Associate Professors	William Bruce
	D. L. Mordell
	P. M. Stafford
	J. M. White
Assistant Professor	H. C. Oatway

The requirements for the M.Eng. degree in mechanical engineering include lecture courses, research work and thesis, and participation in the seminar. Candidates are required to take courses in other departments and are encouraged to take cognate subjects in other faculties.

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING

All students proceeding to the Master of Engineering degree in Mechanical Engineering are required to have a satisfactory credit in Course 1260 and such other undergraduate courses as are prerequisite to the graduate courses selected.

G504. Seminar 1 to 2 hrs. per week, session.

All candidates are required to participate.

1. INDUSTRIAL ENGINEERING

G505. MANAGEMENT PROBLEMS

2 hours. *Professor White*

G507. STATISTICAL CONTROL

2 hours. *Professor White*

2. MACHINE DESIGN

G510. ADVANCED MACHINE DESIGN

2 hours. *Professor Stafford*

G511. SELECTED TOPICS IN ADVANCED MACHINE DESIGN

6 hours drafting room. *Professor Stafford*

G512 PROCESS EQUIPMENT DESIGN

2 hours. *Professor Stafford*

3. THERMAL POWER

G515. POWER PLANT CALCULATIONS

2 hours. *Professor Robb*

G516. STEAM TURBINE DESIGN

2 hours. *Professor Robb*

G517. ADVANCED GAS DYNAMICS

2 hours. *Professor Mordell*

G518. GAS TURBINE PROBLEMS AND DISCUSSION

2 hours. *Professor Mordell*

G519. GAS TURBINES

2 hours. *Professor Mordell*

G520. HEAT TRANSFER

2 hours, one term. *Professor Mordell*

G521. NUCLEAR ENGINEERING

2 hours, one term. *Professor Mordell*

DEPARTMENT OF METALLURGICAL ENGINEERING

Professor J. U. MacEwan, *Chairman*

Associate Professors J. S. Godard
J. P. Ogilvie

Post Retirement G. S. Sproule

Adequate laboratory and library facilities are available for the courses listed below and for research.

All applicants for admission to advanced studies in the Department of Metallurgical Engineering are required to have fundamental training in Physical Chemistry and Chemical Thermodynamics, and applications of this training to metallurgical processes.

COURSES FOR THE MASTER'S DEGREE

G601. PROPERTIES AND STRUCTURES OF METALS. Theories of plastic deformation of metals applied to single crystals; preferred orientation; kinetics of reactions in common metallurgical processes; phase transformations; recrystallization; creep.

2 hours per week, session. *Professor Ogilvie*

G603. METALLURGICAL ENGINEERING COLLOQUIUM

Students are required to present and discuss papers dealing with fundamental and recent work.

1 hour per week, session. *Staff*

1260. DIFFERENTIAL EQUATIONS (Faculty of Engineering Announcement)

2 hours per week, session.

G605. METALLURGICAL THESIS

A thesis is to be submitted on research conducted in one of the following fields:

(a) Electrometallurgy

(b) Extractive Metallurgy

(c) Mineral Dressing

(d) Physical Metallurgy

Candidates for the Degree of Master of Engineering in Metallurgical Engineering must complete the above requirements and in addition one approved course from the following:

986. COLLOID CHEMISTRY (Faculty of Engineering Announcement)

1 hour per week, session (Half course).

1362. ELECTRON PHYSICS (Faculty of Engineering Announcement)
2 hours per week, first term (Half course).

466. THERMIONIC TUBE THEORY (Faculty of Engineering Announcement)
2 hours lectures, 3 hours laboratory per week, second term (Half course).

G411. APPLIED MATHEMATICS (Electrical Engineering) (Full course).

391. STRENGTH OF MATERIALS (Faculty of Engineering Announcement)
2 lectures per week, second term (Half course).

DEPARTMENT OF MINING ENGINEERING

Professor R. G. K. MORRISON, *Chairman*
Associate Professor J. S. GODARD
Assistant Professor M. D. O'SHAUGHNESSY

Library and laboratory facilities are available for postgraduate studies and research.

Note: A thesis is to be submitted on a suitable subject, normally under one of the following broad headings: (1) mineral dressing; (2) mine economics; (3) industrial relations; (4) mine ventilation; (5) rock pressure problems in mines.

Normally three full courses of study are required in addition to the thesis.

COURSES FOR THE MASTER'S DEGREE

780. INDUSTRIAL PSYCHOLOGY AT MINES. A course given to fourth year Mining Engineering students, but available to postgraduates who have not taken it. Refer to Announcement of Faculty of Engineering.
2 lectures per week, session. *Professor E. C. Webster*

784. MINE FINANCE AND COST CONTROL. A course given to fourth year Mining Engineering students, but available to postgraduates who have not taken it. Refer to Announcement of Faculty of Engineering.
2 lectures per week, second term. *Mr. G. B. A. Hall*

G700. ORGANIZATION AND MANAGEMENT OF MINES. A reading and discussion course. *Professor Morrison*

G701. MINE VENTILATION. A course of study and investigation conducted with the co-operation of the Department of Mechanical Engineering.

Concerns the supply and flow of fresh air to mines, dust suppression, and the thermodynamics of deep-level ventilation.

Department of Mechanical Engineering and Professor Morrison

Certain other graduate and undergraduate subjects in the regular courses of other departments in the University may be optional or required depending on the subject selected for a thesis.

DEPARTMENT OF NEUROLOGY AND NEUROSURGERY

Professors	WILDER PENFIELD, *Chairman*
	WILLIAM CONE
(in charge of Graduate Studies)	HERBERT JASPER
Associate Professors	K. A. C. ELLIOTT
	DONALD MCEACHERN
	FRANCIS MCNAUGHTON
Assistant Professors	ARTHUR ELVIDGE
	JOHN KERSHMAN
	DONALD MCRAE
	ROY SWANK

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

A. SEMINAR IN NEUROANATOMY, M.N.I. 4 hours weekly (12 weeks).

1. Lectures, demonstrations and discussions, correlated with Seminar B in Neurophysiology.

2. Advanced neuroanatomy for selected group; brain modelling.

Two evenings, beginning in November. *Professor McNaughton*

B. SEMINAR IN NEUROPHYSIOLOGY. M.N.I. 3 hours weekly (12 weeks).

Laboratory demonstrations, lectures and discussions. Mondays, 5-6 and 8-10, beginning in November. Correlated with Seminar A in Neuroanatomy. *Professor Jasper*

C. COLLOQUIUM IN CLINICAL NEUROLOGY. 1 hour weekly. Clinics and lectures.

Wednesdays, 5 p.m. M.N.I. *Professor Penfield*

D. COLLOQUIUM IN NEUROSURGERY AND ELECTROENCEPHALOGRAPHY. M.N.I.

1 hour weekly. Tuesdays, 3 p.m. (10 months.)

Professors Penfield and Jasper

E. SEMINAR IN NEUROPATHOLOGY, 1 hour (52 weeks).

Gross and microscopic demonstration to be supplemented by collateral work.

Fridays, 5 p.m. *Professors Cone and Penfield*

F SEMINAR IN NEUROCHEMISTRY.

1. Fundamental—11 hours.

Lectures and discussions. *Professor Elliott*

2. Applied—4 hours.

Demonstrations. *Professor McEachern*

G. COLLOQUIUM IN CLINICAL NEUROLOGY. 1 hour weekly. Discussions. Thursdays, 5 p.m. *Professor McNaughton*

H. COLLOQUIUM IN NEUROLOGICAL ROENTGENOLOGY, 1 hour weekly. Mondays, 9 a.m. *Professor McRae*

I. COLLOQUIUM IN EXPERIMENTAL AND CLINICAL NEUROLOGY, 1 hour. Discussions and lectures before Fellows' Society.

Dr. J. Preston Robb

Note: Candidates for research graduate degrees must be graduates in Medicine or must have had other advanced work in Biological Sciences. Candidates may present courses A, B, E and F as credits toward the degree, but not C, D, G, H and I, except by special permission of the Department Chairman. Courses A and B are combined and given as a unit. Degree candidates must secure approval of (1) course supervisor, (2) director of research, and (3) Professor Jasper before entering any of these courses. Candidates may be subjected to examination at the close of the course before credit is given.

Others may enrol in these courses at the discretion of the supervisors. Space is limited, particularly in courses A and E. Only those who have been received in the Fellows' Society are entitled to enrol in Course I.

DEPARTMENT OF NUTRITION

(Macdonald College)

Professor E. W. CRAMPTON, *Chairman*

Assistant Professors G. C. ASHTON

FLORENCE A. FARMER

Adequate laboratory and library facilities are available for research in a number of branches of Applied Nutrition. The particular research problem which may be undertaken will depend in part on whether the candidate holds a B.Sc., B.Sc. (Agr.), or B.Sc. (H.Ec.) degree. Ordinarily graduates in Agriculture associate themselves with problems related to the nutrition of farm animals, while graduates in Household Science usually undertake projects applicable to human nutrition.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. EXPERIMENTAL TECHNIQUE. Design and conduct of nutritional studies involving experimental animals or subjects; statistical analysis and the interpretation of data from such studies; preparation of technical reports of nutrition research. This course includes lectures on specific topics and the actual conduct and interpretation of one or more research projects, one of which will form the basis of the thesis presented toward the degree sought.

In addition to completion of course A above and the submission of an acceptable thesis, candidates for the Master of Science degree in Nutrition must register for and complete Biochemistry 45, Department of Biochemistry, McGill. Students must also attend and participate in department seminars.

Household Science graduates may, by arrangement, elect a course in Advanced Dietetics in the School of Household Science.

In individual cases, cognate courses may be added to the above requirements on the advice of the director of research.

DEPARTMENT OF PARASITOLOGY

(Macdonald College)

Professor THOMAS W. M. CAMERON, *Chairman*

Associate Professors M. J. MILLER
DONALD FAIRBAIRN

Lecturers L. P. E. CHOQUETTE
R. P. HARPUR

Candidates for both the M.Sc. and Ph.D. are required to possess the equivalent of an honours degree in biological science or a degree in veterinary or human medicine. Their curricula should have included general invertebrate Zoology (including Entomology), Organic Chemistry and Biochemistry; elementary Physiology is also desirable.

Adequate laboratory and library facilities are available at the Institute of Parasitology for the courses listed below and for research.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Courses A, B, and C are required for this degree in addition to a thesis, the subject to be selected by the candidate with the approval of the Department.

A, B, and C comprise the main courses but further courses may be chosen, depending on the research problem selected and the candidate's previous training.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Candidates must also possess the equivalent of the M.Sc. (Parasitology), McGill. Course D is required, but candidates may (with the approval of the Department) study cognate subjects (such as Nutrition, Biochemistry, etc.) but such course work must be completed before the commencement of the final year of study.

A. A SYSTEMATIC STUDY OF THE ANIMAL PARASITES OF MAN, DOMESTIC, AND ECONOMIC ANIMALS

3 hours. *Professor Cameron*

B. PRACTICAL PARASITOLOGY

12 hours. *Professor Cameron and Lecturer*

C. FIELD WORK AND SEMINARS. Parasitological surveys. Collections in the field. Methods of control.

Staff

MEDICAL AND VETERINARY ENTOMOLOGY (See Department of Entomology, course 65.).

2 lectures, 3 laboratory hours per week, second term.

Professor E. M. Du Porte

DEPARTMENT OF PATHOLOGY

Professors	G. LYMAN DUFF, *Chairman*
	ROBERT H. MORE
	THEO. R. WAUGH
Associate Professor	J. E. PRITCHARD
Assistant Professors	G. C. MCMILLAN
	R. C. ROSS

The Department offers adequate laboratory and library facilities in the Pathological Institute for morphological or experimental research and for the courses listed below leading to the degrees of Master of Science and Doctor of Philosophy in Pathology.

QUALIFICATION FOR ADMISSION

Candidates for graduate degrees in Pathology must hold the degree of Doctor of Medicine or its equivalent and must have attained high standing in the courses leading to this degree, especially in the preclinical scientific subjects.

Candidates who have not had any previous graduate training in Pathology or whose previous training is judged to be inadequate, will be required to spend a qualifying year of work in the Department before proceeding to a graduate degree.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

A. RECENT ADVANCES IN PATHOLOGY

Lectures on selected subjects in Pathology. *Professor Duff and Staff*

B. COLLOQUIUM. Demonstration and discussion of current surgical and autopsy material from the routine pathological services of the Pathological Institute.

2 hours throughout the session. *Professors Duff and Waugh and Staff*

C. CONFERENCES. Conferences will be held at regular intervals with graduate students for the purpose of guiding their reading and investigative work and for the discussion of special problems arising from their research.

D. COGNATE SUBJECTS. Each student will be required to take certain courses in cognate subjects, the selection of which will depend upon the student's previous training and on the character of the research problem to be undertaken.

Any candidate for a graduate degree may be required to attend the undergraduate course in General Pathology and be prepared to pass a comprehensive examination in this subject.

A candidate for the degree of Master of Science must take courses A, B, and C, and at least one cognate course. The remainder of his time is to be devoted to morphological or experimental research. The quality of the student's investigative work as embodied in his thesis will be the main consideration in recommending him for this degree.

For the degree of Doctor of Philosophy the candidate must take courses A, B, and C, throughout each year of study in addition to his research. Any cognate subjects required must be completed before the end of the second year.

As for the Master's degree, the quality of the research work as embodied in the Ph.D. thesis will be the main consideration in the award of this degree.

DEPARTMENT OF PHARMACOLOGY

Professor	RAYMOND L. STEHLE, *Chairman*
Associate Professor	K. I. MELVILLE
Lecturer	I. T. BECK

Adequate laboratory and library facilities are available for the courses listed below and for research.

Candidates for higher degrees must present evidence of suitable preparation in Chemistry and Physiology and must have completed the course in Pharmacology as given to medical students.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. ADVANCED PHARMACOLOGY

B. COLLOQUIUM

1 hour weekly.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Special arrangements can be made for anyone desiring to proceed to a doctorate.

DEPARTMENT OF PHILOSOPHY

Professors	R. D MACLENNAN, *Chairman* RAYMOND KLIBANSKY
Associate Professor	T. G. HENDERSON
Assistant Professor	CECIL CURRIE
Lecturer	ALASTAIR MACKINNON

COURSES FOR THE DEGREE OF MASTER OF ARTS

*8. MORAL AND POLITICAL PHILOSOPHY. 2 hours.

First term: Advanced Ethics. *Professor Maclennan*

Second term: Philosophy of Politics. *Professor Klibansky*

*9. PROBLEMS OF LOGIC AND METAPHYSICS. 2 hours

First term: Whitehead's Metaphysics. *Professor Henderson*

Second term: Logic and Epistemology. *Professor Klibansky*

*10. THE PHILOSOPHY OF KANT

2 hours. *Professor Currie*

*11. SEMINAR IN PHILOSOPHY I. 2 hours

1951-1952. Issues in Contemporary Philosophy.

Reading: Gilbert Ryle, The Concept of Mind; R. G. Collingwood, Philosophical Method; Dorothy Emmet, The Nature of Philosophical Thinking.

Professors Currie, Henderson, and Maclennan, and Dr. MacKinnon

*12. SEMINAR IN PHILOSOPHY II. 2 hours

1951-52. Problems of Knowledge and Truth. *Professor Klibansky*

Seminar courses will be offered in the special fields in which candidates are studying for their degrees.

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* May also be taken by honours undergraduates.

HARVARD UNIVERSITY

Before entering upon his course of graduate studies, the student must have devoted two full years to Philosophy, and his competence in the subject should embrace the following:

(1) A general knowledge of the history of Greek philosophy, and of modern philosophy.

(2) A systematic knowledge of the main philosophical disciplines: logic, ethics, epistemology, and metaphysics.

(3) A special knowledge of at least three of the great European thinkers.

Applicants for graduate study may be required to submit to an examination in order to determine their competence as above defined.

DEPARTMENT OF PHYSICS

Professors	A. Norman Shaw, *Chairman*
	J. Stuart Foster
	G. A. Woonton
Associate Professors	J. S. Marshall
	E. R. Pounder
	F. R. Terroux
	H. G. I. Watson
	C. H. Westcott
Assistant Professor	Anna I. McPherson
Lecturers and Sessional Lecturers (1950-1951)	W. S. Boyle
	J. A. Carruthers
	M. L. DeAngelis
	Arne Henrikson
	Sydney Wagner
Research Associates	D. G. Douglas
	K. L. S. Gunn
	W. Hitschfeld
	W. M. Telford
	A. L. Thompson
	C. H. M. Turner

Adequate laboratory and library facilities are available for the courses listed below and for research in any of the main branches of Physics. Equipment for investigations in nuclear physics, electron physics, meteorological physics, electromagnetic radiation, electrical measurements, spectroscopy, heat, and geophysics have been specially developed. An electron microscope and X-Ray Diffraction apparatus are available

for collaboration in regard to problems in Chemistry and Biology. A well-equipped Radiation Laboratory for nuclear physics provides space for over twenty graduate students. The eighty-two inch McGill Cyclotron is housed in this laboratory. The Eaton Electronics Laboratory, opened in 1950, is now in full operation. Facilities for research and graduate training in the various branches of electron physics are provided. There will be accommodation for over twenty graduate students, in addition to staff.

With the approval of the Chairman of this Department, qualified graduate students in Physics may apply to take some of their required courses, and to undertake research, at Macdonald College, the remainder of their courses being taken at McGill University in Montreal.

COURSES AVAILABLE WHEN PHYSICS IS CHOSEN AS A COGNATE SUBJECT

Courses 33, 34, 41, 42, 43, 44, 45 are undergraduate honours courses prerequisite to graduate work in Physics; but they are open to graduate students (1) choosing Physics as a cognate subject, or (2) completing their entrance qualifications for graduate work in Physics.

33. ELECTRICAL MEASUREMENTS. This course is divided into two distinct parts, namely, *33M Electrical Measurements* (1 hour lecture, 3 hours laboratory), and *33E Electronics* (1 hour lecture and 2 hours laboratory). Each part may be taken separately throughout the session as a half course.

Course 33M: D-C. instruments and measurements, complete galvanometer theory, instrument calibration; A-C. circuit theory, operational methods, applications; measurements at power, audio, and radio frequencies; measurements with Lecher wires; construction and testing of simple electrical devices; absolute measurements.

Course 33E: Theory and application of electronic devices and circuits, elementary radio-engineering.

2 hours; laboratory (33L), 5 hours. *Professor Watson*

Reference Books: Law, Electrical Measurements (McGraw-Hill); Hague, Alternating Current Bridge Methods (Pitman, London); Harnwell, Principles of Electricity and Electromagnetism (McGraw-Hill); Starling, Electricity and Magnetism (Longmans); Kruft Laboratory Staff, Electronic Circuits and Tubes (McGraw-Hill); Terman, Radio-Engineering (McGraw-Hill); and Reich, Theory and Application of Electron Tubes (McGraw-Hill).

34. ADVANCED HEAT. Precision thermometry (for low, intermediate and high temperatures), calorimetry, measurement of fundamental thermal variables, measurement and theory of transfer of heat (by conduction, convection, and radiation), change of state, equations of state, elements of kinetic

theory, physical basis and mathematics of thermodynamics, thermal equilibrium of systems, engineering and chemical applications.

2 hours (laboratory omitted). *Professor Shaw*

Textbook: Roberts, Heat and Thermodynamics (Blackie).

Reference books: Kiefer and Stuart, Engineering Thermodynamics (Wiley); Lewis and Randall, Thermodynamics (McGraw-Hill); Zemansky, Heat and Thermodynamics (McGraw-Hill).

41. MATHEMATICAL PHYSICS. Selected topics in potential theory, conduction of heat, acoustics, elasticity, vibrations and diffusion. 12 lectures on topics arising in spectroscopy and nuclear physics will be given by Professor Foster.

3 hours. *Professors Foster and P. R. Wallace*

Reference books: Houston, Introduction to Mathematical Physics (Longmans); Page, Introduction to Theoretical Physics (Van Nostrand); von Karman and Biot, Mathematical Methods in Engineering (McGraw-Hill); Margenau and Murphy, The Mathematics of Physics and Chemistry (McGraw-Hill).

42. ELECTROMAGNETIC THEORY (Half course). Field theory; electrostatics; Laplace's equation; dielectrics; magnetic fields of currents; magnetic materials; electromagnetic induction and Maxwell's equations; electromagnetic waves and energy flow; scalar and vector potentials. Application of these fundamental ideas is made to some of the following topics: skin effect; propagation of waves in conducting media; propagation of guided waves; the electromagnetic foundation of the optical laws of reflection and refraction; diffraction; radiation from antennæ.

First term: 1 hour; second term: 2 hours. *Professor Woonton*

Textbook: Slater and Frank, Electromagnetism (McGraw-Hill).

Reference book: Ramo and Whinnery, Fields and Waves in Modern Radio (Wiley).

43. ATOMIC PHYSICS. Review of classic experiments of atomic physics; determination of physical properties and constants of atoms, ions and electrons; mass-spectrograph, elements of thermionics and photo-electricity, X-ray analysis, cosmic rays, atomic structure; radiation absorption and emission, advent of quantum theory and wave-mechanics, philosophical problems in modern physics.

2 hours. *Professor Shaw*

3 hours laboratory (43L) per week. *Professor Westcott*

Textbook: Crowther, Ions, Electrons and Ionizing Radiations (E. Arnold).

Reference books: Richtmeyer and Kennard, Introduction to Modern Physics (McGraw-Hill); Strong, Procedures in Experimental Physics (Prentice-Hall); Brown, Foundations of Modern Physics (Wiley); Stranathan, The "Particles" of Modern Physics (Blakiston); Semat, Atomic Physics.

44b. RADIOACTIVITY (Half course). The phenomena of radioactive disintegration and the laws of transformations of successive products. The nature and properties of the radiations, methods of detection and of measurement. Mechanisms of absorption and scattering. Neutrons, positrons and the constitution of nuclei. Methods of producing artificial disintegrations and their products. Introduction to nuclear physics.

Second term: 2 hours. Laboratory, second term, 3 hours (held with 43L). *Professor Terroux*

Reference books: Rutherford, Chadwick and Ellis, Radiations from Radioactive Substances (C.U.P.); Hevesy and Paneth, A Manual of Radioactivity (C.U.P.); Lapp and Andrews, Nuclear Radiation Physics (Prentice-Hall); Cork, Radioactivity and Nuclear Physics (Van Nostrand).

45. ADVANCED LIGHT. The essentials of geometrical and physical optics with advanced laboratory work. Electromagnetic theory, interference, diffraction, polarization, simple spectrum analysis, determination of fine structure of spectral lines, Zeeman effect, and the theory and use of optical apparatus (e.g., glass and quartz spectrographs, Lummer plates, interferometers and polarimeters).

First term: 2 hours; second term: 1 hour. Laboratory (45L), 3 hours. *Professor McPherson*

Reference books: Robertson, Physical Optics (Van Nostrand); Wood, Physical Optics (Macmillan); Jenkins and White, Fundamentals of Physical Optics (McGraw-Hill); Hardy and Perrin, The Principles of Optics (McGraw-Hill).

COURSES FOR STUDENTS PROCEEDING TO THE DEGREES OF M.A., M.Sc., OR Ph.D. IN PHYSICS

61. QUANTUM THEORY AND SPECTRUM ANALYSIS (Half course). Design and use of spectrographs, including methods of qualitative and quantitative spectrum analysis. Development of quantum theory as applied to atomic and molecular spectra. Quantum mechanics applied to atoms in electric and magnetic fields. Problems.

First term, 1 hour; second term, 2 hours. *Professor Foster*

Reference books: Birtwistle, Quantum Theory of the Atom (C.U.P.); Ruark and Urey, Atoms, Molecules and Quanta (McGraw-Hill).

62. QUANTUM MECHANICS (Mathematics 62). (Half course). This course is elementary in character, and will include quantum mechanics of simple systems, perturbation theory, elements of quantum statistical mechanics, group theory, and simple applications.

First term, 2 hours; second term, 1 hour. *Professor Wallace*

Note: Students proceeding to a higher degree in Mathematics are given an additional hour per week in the second term. This may be attended by any student taking this course.

63. ADVANCED ELECTRICITY AND MAGNETISM. Advanced theory and problems concerning: Electrostatics—images, transformations, coefficients, properties of dielectrics. Current electricity—conduction in infinite solids, circuit theory, loci, non-linear elements, transients, applications of Heaviside's operational methods, Laplace transforms, determinants and matrices; power machinery and transformers. Electronic devices and circuits. Conduction in gases, associated devices and circuits. Magnetic effects and circuits. Elementary electromechanics.

2 hours. *Professor Watson*

Textbook: Harnwell, Principles of Electricity and Electromagnetism (McGraw-Hill).

Reference books: Pender and McIlwain, Electrical Engineers' Handbook, Vol. V (Wiley); Carter, Electrical Transients (C.U.P.); Priesman, Graphical Constructions for Vacuum Tube Circuits (McGraw-Hill); Lee, Graphical Analysis of A-C Circuits (Medaugh, Johns Hopkins); Terman, Radio Engineers' Handbook (McGraw-Hill); Terman, Radio Engineering (McGraw-Hill); Reich, Theory and Application of Electron Tubes (McGraw-Hill).

64. THERMODYNAMICS (Half course). Physical basis and fundamental assumptions. Relative importance—and relative bearing on applications—of the equation of state and the first and second laws. Mathematical methods in thermodynamical analysis. Simple and complex systems. Selected applications in physics, chemistry and engineering. Introduction to statistical thermodynamics.

2 hours (first term, lectures; second term, colloquia). *Professor Shaw*

Reference books: Birtwistle, Thermodynamics (C.U.P.); Guggenheim, Modern Thermodynamics (Methuen); Fowler and Guggenheim, Statistical Thermodynamics (C.U.P.).

65. STATISTICAL MECHANICS AND KINETIC THEORY OF MATTER (Mathematics 65). A course in classical and quantum statistical mechanics with selected applications; statistical theories of the gaseous, liquid, and solid states.

Reference books: Mayer and Mayer, Statistical Mechanics (Wiley); Lindsay, Physical Statistics (Wiley); Fowler, Statistical Mechanics (C.U.P.); Schrodinger, Statistical Thermodynamics (C.U.P.); Rice, Statistical Mechanics (Constable, London); Kennard, Kinetic Theory of Gases (McGraw-Hill); Loeb, Kinetic Theory of Gases (McGraw-Hill).

2 hours. *Professor Morris*

*Note:*Course 65 will be given in alternate sessions, 1951-52, 1953-54, etc.

66. (a) ELECTROMAGNETIC THEORY AND (b) PHYSICAL ELECTRONICS. Retarded potentials; Hertz vectors; Huygen's principle formulated in scalar and in vector form; equivalent solution of diffraction and radiation problems by current sheets; application of these fundamentals to the calculation of microwave radiators.

Emission of electrons; trajectory equations in electric and magnetic fields; electron lenses; aberration; design of electron guns; application of electron optics.

2 hours. *Professor Woonton*

Textbooks: Stratton, Electromagnetic Theory (McGraw-Hill); Cosslett, Introduction to Electron Optics (Oxford, Clarendon Press).

Reference books: Schelkunoff, Electromagnetic Waves (Van Nostrand); Zworykin, Electron Optics and the Electron Microscope (Wiley).

67. SEMINAR, NUCLEAR PHYSICS. The theory and the development of modern nuclear physics. The cyclotron and its applications. Current nuclear research.

2 hours. *Professor Foster*

68. SEMINAR, GENERAL PHYSICS. This seminar, in which students are required to take an active part, will cover the range of topics in which those in attendance may be specializing.

2 hours. *Professor Marshall*

*70. ADVANCED STATICS, DYNAMICS, HYDRODYNAMICS, AND SOUND.

2 hours.

Textbook: Lamb, Higher Mechanics (C.U.P.).

Reference books: Lamb, Dynamical Theory of Sound (Arnold); Bateman, Dryden and Murnaghan, Hydrodynamics (N.R.C., U.S.A.); Goldstein, Fluid Dynamics (Clarendon).

71. APPLIED GEOPHYSICS (Half course). If course 47 (see Arts and Science Announcement) has not been taken, it should be attended concurrently

*Not offered in 1951-52.

with this course. Selected topics as enumerated in course 47 are given more advanced mathematical treatment. Supplementary theory, problems and analysis of field results are added. Arrangements for practical experience in the field will be made, when possible.

Second term: 2 hours. *Professor Watson*

Textbook: Eve and Keys, Applied Geophysics, 2nd edition (C.U.P.).

Reference books Ambronn, trans. Cobb, Elements of Geophysics (McGraw-Hill); Heiland, Geophysical Exploration (Prentice-Hall).

74. GENERAL SEMINAR. In addition to the above courses, a review of the general requirements for the preliminary examinations for the degree of Ph.D. is given in a seminar in the first term under the guidance of the professors of the Department.

2 hours, first term.

75A, 75B, 75C. These are the reference numbers for the first three *Preliminary Ph.D. Examinations*, namely the *General Paper* (75A), the *Problem Paper* (75B), and the *Preliminary Oral* (75C).

76. Reference number of the *Special Paper* of the Preliminary Examinations. This paper covers the specific fields of Physics bearing on the research of the candidate.

A suitable selection of the above courses may be made by qualified students when Physics is taken as a partial or a cognate subject.

Requirements for Master's Degree and First Year Ph.D.: (a) Research and M.Sc. thesis thereon. (b) Mathematics 61, Physics 61, and Physics 63 or Physics 66. Also one other course or half course to be chosen with the approval of the Supervisor of the student's research and the Chairman of the department. (Substitutions for any of the above named courses will only be approved in exceptional cases.)

Second Year Ph.D.: (a) Research. (b) Preliminary Examinations in December; Seminar 74. (c) Seminar 67 or Seminar 68. One additional course in Physics, Mathematics or cognate subject may be permitted, or required, with the approval of the Supervisor of Research, and of the Chairman.

Third Year Ph.D.: Completion of research, and Ph.D. thesis thereon. Final Oral. One course, examination optional, is also required.

For Ph.D. language requirements see page 2628.

Attendance at the Physical Society, seminars, and other scientific meetings, together with the presentation of papers, form an important element in the training of graduate students.

DEPARTMENT OF PHYSICS

(Macdonald College)

Professor	WILLIAM ROWLES, *Chairman*
Associate Professor	W. F. OLIVER
Lecturer	J. K. KINNEAR

The courses below may form part of the required courses for graduate students in Physics (see page 2703), or may be taken by students in other departments as a cognate subject.

COURSES AVAILABLE TO GRADUATE STUDENTS

A. ADVANCED BIOPHYSICS

2 hours, second term. *Professor Rowles*

(*Given in 1952-53.*)

B. THEORY OF PROBABILITY

2 hours, second term. *Professor Oliver*

(*Given in 1951-52.*)

DEPARTMENT OF PHYSIOLOGY

Professors	F. C. MACINTOSH, *Chairman*
	A. S. V. BURGEN
Associate Professors	B. DELISLE BURNS
	NORRIS GIBLIN
Assistant Professors	SIMON DWORKIN
	PAUL SEKELJ
	KATHLEEN G. TERROUX

Candidates who as undergraduates have satisfactorily completed the Honours Course in Physiology (including six full courses in Physiology) may present themselves for examination for the M.Sc. degree at the end of one year's graduate work in the Department. Others will usually require a qualifying year. Candidates for the Ph.D. degree must pass a general examination in Physiology, but will be judged principally by the ability they display in research. Candidates for either degree are expected to attend the graduate courses listed below, and may be required also to pass certain advanced undergraduate courses in Physiology or related subjects.

The main research interests of the Department are at present the chemical and electrical behaviour of the nervous system, and the release of physiologically active substances from tissues.

ADVANCED UNDERGRADUATE COURSES

41. ADVANCED PHYSIOLOGY.
2 hours lecture and seminar.

41L. ADVANCED PHYSIOLOGICAL LABORATORY
8 hours.

42. SELECTED TOPICS IN PHYSIOLOGY
1 hour lecture, laboratory and seminar.

GRADUATE COURSES

61. LECTURES ON SELECTED ADVANCED TOPICS. The subject matter varies from year to year.
1 hour.

62. PHYSIOLOGICAL COLLOQUIUM
1 hour.

DEPARTMENT OF PLANT PATHOLOGY

(Macdonald College)

Professor	J. G. COULSON, *Chairman*
Associate Professor	P. A. LUDWIG
Assistant Professor	E. O. CALLEN

Adequate laboratory and library facilities are available for the courses listed below and for research.

Candidates must have completed satisfactory undergraduate courses in Plant Morphology, Physiology, Taxonomy, Histology and Cytology. Specialists in Plant Pathology should possess a general knowledge of the fundamental practices in Agronomy and Horticulture.

COURSES FOR THE DEGREES OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

61. HISTORY OF PLANT PATHOLOGY
1 lecture for 1 term. Extra reading required.
Textbook: Whetzel, History of Phytopathology (Saunders).

62. ADVANCED MYCOLOGY

A general course in Systematic Mycology is a prerequisite.

2 lectures and 2 laboratory periods. *Professor Callen*

Textbooks: Gaumann and Dodge, Comparative Morphology of the Fungi (McGraw-Hill); Stevens, Plant Disease Fungi (Macmillan); Wolf and Wolf, Fungi (Wiley).

63. ADVANCED PLANT PATHOLOGY

2 lectures and 2 laboratory periods *Professor Coulson*

Textbook: Heald, Manual of Plant Diseases (McGraw-Hill).

64. PRINCIPLES OF PLANT PATHOLOGY

2 lectures and 3 laboratory periods. *Professor Coulson*

65. PLANT PHYSIOLOGY (Course 61 or 63—Department of Botany).

66. SEMINAR. A course entailing reading, discussion, appreciation and criticism of research articles, monographs, etc.

1 period. *Professor Coulson and Staff*

Candidates for the Master's degree and first year Ph.D. students must satisfy the requirements of course 66 and two from 62, 63, and 64.

Second year Ph.D. students are required to take course 66 and all other courses listed above which were not taken during the previous year.

Third year Ph.D. students devote most of their time to research and the writing of a thesis. A candidate may be held responsible for a course in a cognate subject bearing upon his research.

The Ph.D. degree in Plant Pathology is offered in close association with the Department of Botany. The preliminary oral examination is conducted jointly by both Departments. The research and thesis must be in the field of Plant Pathology.

DEPARTMENT OF POULTRY HUSBANDRY

(Macdonald College)

Associate Professor	W. A. MAW, *Chairman*
Associate Professor	NIKOLAI NIKOLAICZUK

Specialization in poultry husbandry in undergraduate training is preferred. Other candidates should have a background in biological chemistry or genetics where specialization is desired in poultry nutrition or poultry genetics respectively

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. ADVANCED POULTRY NUTRITION

Candidates for the M.Sc. in Poultry Husbandry (Nutrition) will take course A and at least two of the following: Agronomy 60 (Experimentation), Biochemistry 32 (McGill: Endocrinology), Biochemistry 45 (McGill: Oxidation and Metabolism).

B. ADVANCED POULTRY BREEDING

Arrangements are made to have a limited number of candidates register in the Department of Genetics for the required course work. The thesis problem can be conducted in the Department of Poultry Husbandry. The Departments are jointly responsible for such candidates.

DEPARTMENT OF PSYCHIATRY

Professor	D. EWEN CAMERON. *Chairman*
Associate Professors	R. A. CLEGHORN
	R. B. MALMO
	M. PRADOS
Assistant Professors	T. STATTEN
	K. STERN
	E. WITTKOWER

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Admission is restricted to candidates who hold an M.D. with good standing from an approved institution, and have adequate post-graduate experience in clinical psychiatry.

Adequate library and laboratory facilities are available in the Department of Psychiatry (Allan Memorial Institute) for the courses listed below and for research.

(a) ADVANCED PSYCHOTHERAPEUTICS
1 hour. *Professor Cameron and Staff*

(b) ADVANCED PSYCHODYNAMICS
1 hour. *Professors Cameron, Prados, and Stern*

(c) COLLOQUIUM ON CLINICAL PSYCHIATRY
1 hour (Wednesdays).

(d) COGNATE SUBJECTS:

Each student will be required to take certain courses in cognate subjects, such as Psychology, Sociology, Endocrinology and Neurology. These will be determined upon the basis of the special field of psychiatry in which the candidate's research work is being carried out.

DEPARTMENT OF PSYCHOLOGY

Professors	D. O. Hebb, *Chairman* G. A. Ferguson
Associate Professors	E. C. Webster A. S. Luchins R. B. Malmo
Assistant Professors	Dalbir Bindra P. A. Solberg C. F. Wrigley J. P. Zubek

Graduate work in the Department of Psychology follows two main lines: experimental-theoretical, including comparative, physiological, and social psychology, as well as statistical method, leading to M.A., M.Sc., and Ph.D. degrees; and applied psychology, chiefly in the industrial, personnel, and guidance fields, leading to M.Ps.Sc. and D.Ps.Sc degrees. Training in clinical psychology is offered for the M.Ps. Sc. degree; but the student who wants to prepare himself for clinical work at the doctoral level must aim at a Ph.D. in social, experimental or physiological psychology, and cannot take a "Ph.D. in clinical psychology" (in the current meaning of the phrase) in this department.

The degrees of M.Ps.Sc. and D.Ps.Sc. are awarded to candidates who achieve a high standard of scholarship in psychology and related fields, who have had extended practical experience in some form of applied psychology, and who have demonstrated an aptitude for such professional application of psychological knowledge. The minimum time necessary for the M.Ps.Sc. will be two years, the second of these spent in full-time practical work under supervision. The minimum time for the D.Ps.Sc. is a further three years after the M.Ps.Sc., the third year being again spent in full-time practical work under supervision. No thesis will be required for the M.Ps.Sc. degree; that for D.Ps.Sc. will not require the extensive period of concentrated research which is expected in a thesis for the Ph.D. These two degrees in applied psychology will require the same high standard of scholarship as the M.A. or Ph.D., but imply a distinction in the kind of work for which the candidate is preparing.

No distinction in training is made between M.A. and M.Sc. degrees; which of these the candidate enrols for is determined by his Bachelor's degree (*i.e.*, B.A. is followed by M.A., B.Sc. by M.Sc.).

Admission to graduate work will depend on the estimate made by members of the department of the student's aptitude for original contributions to knowledge, or for professional contribution in the applied field. It will not depend merely on high marks made in course work, nor

on the student's having taken a large number of courses in psychology. In addition to a biologically-oriented introductory course the student should have four full courses (each the equivalent of six semester-hours), including experimental, systematic (or theoretical) psychology, and some knowledge of the historical development of modern ideas. A sound knowledge of statistical method as applied to psychological problems (equivalent to an introductory course in this field) is essential.

Equally necessary is a knowledge of elementary physiology and of physics or chemistry, some comprehension of philosophical thought, and of modern developments in other social sciences. All students, no matter what kind of specialization is ultimately aimed at, are expected to have the same core of undergraduate training, equivalent to the Honours degree at McGill. The student who has not sufficient preparation, either in psychology or in the related subjects referred to above, but has shown promise of aptitude for advanced original work, may be accepted after the completion of a qualifying year.

In its present crowded condition, the Department may refuse to consider applications received after April 1. Candidates must submit with their applications the results of the Miller Analogies Test. Those who are not at a centre where the Miller Analogies can be given should make arrangements for a special examination.

Courses offered in this Department are of two kinds. Those numbered between 51 and 59 provide a background for technical training, and are not normally taken as part of the work for the M.A., M.Sc. and Ph.D. degrees, while those numbered 60 or higher are meant as preparation for these latter degrees.

51a. METHODS OF TEST CONSTRUCTION

Methods of measurement, reliability, validity, item analysis, etc.

First term: 3 hours.

52a. APPRAISAL OF INTELLIGENCE

Use of Stanford-Binet and Wechsler tests primarily.

First term: 1 hour, 4 hours testing.

53a. MEASURES OF OPINION AND ATTITUDE

First term: 3 hours.

54b. INDUSTRIAL PSYCHOLOGY

Second term: 3 hours.

55. APPRAISAL OF PERSONALITY

Use of Rorschach and TAT primarily.

1 hour, 4 hours testing.

56. EDUCATIONAL AND VOCATIONAL GUIDANCE
3 hours.

57. SOCIAL FACTORS IN BEHAVIOUR PROBLEMS
3 hours.

58. ADVANCED EDUCATIONAL PSYCHOLOGY
3 hours.

61. ADVANCED STATISTICS. A didactic advanced course normally required of all entering graduate students.
3 hours.

62. INTRODUCTION TO PSYCHOLOGICAL THEORY. Seminar, required of all first-year graduate students, designed as an introduction to other courses listed below.
3 hours.

63. SEMINAR IN ADVANCED EXPERIMENTAL PSYCHOLOGY
3 hours.

64. SEMINAR IN COMPARATIVE AND PHYSIOLOGICAL PSYCHOLOGY
3 hours.

65. SEMINAR IN DEVELOPMENTAL PSYCHOLOGY
3 hours.

66. SEMINAR IN SOCIAL PSYCHOLOGY
3 hours.

67. SEMINAR IN INDUSTRIAL PSYCHOLOGY
3 hours.

68. SEMINAR IN MEASUREMENT AND QUANTITATIVE ANALYSIS
3 hours.

70. CONFERENCES ON THE THESIS. Required of all candidates for the M.A. or M.Sc. degree, with course standing to be assigned on conclusion of the comprehensive examination on the thesis.

REQUIREMENTS FOR M.A. AND M.Sc. DEGREES

Candidates must demonstrate a sound knowledge of modern theory, of its historical development, and of the logic of statistical methods as used in psychological experiment. They will be expected to have an understanding of the main lines of current work in other than their own particular field of specialization.

All candidates must take courses 61, 62 and 70, and in addition any other course specified by the department. The primary concern of the candidate, however, is his thesis. For this the exploratory work, at least, should get under way early in the year. Following presentation of the thesis, a comprehensive written or oral examination will be held which, in conjunction with the thesis itself, will determine the candidate's final standing for the degree.

REQUIREMENTS FOR THE Ph.D. DEGREE

The candidate for the Ph.D. degree must demonstrate a broad scholarship, mastery of current theoretical issues in psychology and their historical development, and a detailed knowledge of his special field. Preliminary examinations will be held at two stages: one at the time of the Master's degree or immediately afterward, and one at the conclusion of the following year. These examinations may be written or oral, or both, at the discretion of the department. They will cover four fields, as follows: (a) modern theoretical issues and history; (b) "experimental" (normal human adult) psychology and statistical methods; (c) and (d) two from the following: comparative and physiological psychology; developmental psychology; social psychology; personality; advanced statistics; industrial psychology.

REQUIREMENTS FOR THE M.Ps.Sc. DEGREE

Candidates for the M.Ps.Sc. degree will be expected to achieve a level of scholarship equivalent to that of the M.A., but over a wider field. During the first year the candidate will take five courses. He will also spend some time in practical work. The second year will be spent in full-time practical work under supervision.

Award of the degree M.Ps.Sc. will be determined by the student's standing in course examinations, by his standing in a comprehensive examination or examinations, and by the report of his supervisors concerning his fitness for professional work in psychology.

REQUIREMENTS FOR THE D.Ps.Sc. DEGREE

Following a Master's degree in psychology, work for the D.Ps.Sc. degree will include two further years of study and course work in psychology *and in related fields* such as sociology, economics, anthropology, education, and industrial engineering, followed by another year of supervised practical work. At some time during this period a thesis must be written which makes a contribution to original knowledge. This will differ from the Ph.D. thesis, however, in that the latter will be based on two years of intensive concentrated research: the thesis for the D.Ps.Sc. must be of high quality but need not represent as extensive a contribution to theoretical knowledge.

Preliminary examinations for admission to candidacy will be held in two stages, one approximately at the time of the Master's degree, and one at the end of the first year of study. These may be written or oral, or both. They will cover the ground of the Ph.D. preliminary examinations as described above, and will also include a detailed understanding of professional techniques. A reading knowledge of one foreign language must be demonstrated.

SCHOOL OF SOCIAL WORK

Professor	J. J. O. Moore, *Director*
Associate Professor	Caroline H. Elledge
Assistant Professors	Dorothy Aikin
	Barbara E. Judkins
	Eva R. Younge
	Anne B. Zaloha

The regulations for the degree of Master of Social Work are summarized on page 2625; for further information see the Announcement of the School of Social Work, obtainable from the office of the Director.

DEPARTMENT OF SOCIOLOGY AND ANTHROPOLOGY

Professor	C. A. Dawson, *Chairman*
Associate Professors	Oswald Hall
	W. A. Westley
Assistant Professors	Aileen D. Ross
	Frederick Voget
Research Assistant	Joan Jackson

NOTE

The Department encourages research in Canadian subjects, such as:

(1) The distinctive features of Canadian culture and social organization;

(2) Acculturation;

(3) Canadian cities and Canadian frontiers;

(4) The relationships of ethnic and other minority groups;

(5) Specific institutions and professions, such as the family, the medical profession, etc.;

(6) Demography and related problems;

(7) Criminology and penology;

(8) Industrial relations.

Students transferring to McGill University are advised to submit with their application for admission a copy of the results of the Graduate Record Examination.

The courses numbered by thirties and forties are undergraduate courses and are normally taken in the third and fourth years. A student transferring to McGill would be expected to have attained the equivalent of satisfactory Honours standing (a minimum of 65% in each course) in the Honours sequence, i.e. the introductory course and those numbered 31, 32, 41, 42, and 43. For further information regarding undergraduate courses in Sociology consult the undergraduate announcement.

COURSES FOR THE DEGREE OF MASTER OF ARTS

Sociology

31. SOCIAL ORGANIZATION (Full course)
3 hours. *Professors Voget and Hall*

32. INTRODUCTION TO SOCIAL STATISTICS (Full course)
3 hours.

41. HUMAN ECOLOGY AND COMMUNITY PLANNING (Full course)
3 hours. *Professor Dawson*

42. INDIVIDUAL AND SOCIETY (Full course)
3 hours. *Professors Voget and Hall*

43. METHODS IN SOCIOLOGY (Full course)
3 hours. *Professor Westley*

44. POPULATION AND MIGRATION (Full course)
3 hours. *Professor Hall*
(*Given in 1952-53.*)

45. THE PROFESSIONS (Half course) *Professor Hall*
First term: 3 hours.

46. SOCIOLOGY OF INDUSTRIAL INSTITUTIONS (Full course)
3 hours. *Professor Hall*

47. STATISTICAL METHODS (Full course)
3 hours.

61 SEMINAR (Full course)
3 hours. *Professors Dawson and Voget*

71. THE SOCIAL DIVISION OF LABOUR (Full course)
3 hours. *Professor Hall*

72. READING IN SOCIAL THEORY (Full course)
3 hours. *Staff*

Anthropology

32. PRIMITIVE RELIGION (Half course) Second term
3 hours. *Professor Voget*

33. CULTURE CHANGE (Half course) Second term
3 hours. *Professor Voget*

DEPARTMENT OF ZOOLOGY

Professors	JOHN STANLEY, *Chairman*
	N. J. BERRILL
Associate Professor	M. J. DUNBAR
Assistant Professor	H. R. SCOTT
Lecturer	D. M. SCOTT
Special Lecturer (Professor of Parasitology and Director of the Institute of Parasitology at Macdonald College)	T. W. M. CAMERON

Graduate students are expected to take such courses, including cognate courses in other departments, as relate to their particular line of specialization, if not previously taken. Qualifying students may be required to take up to five full courses, others will take from two or three in their first year to none in their last year. Primary emphasis for both the M.Sc. and Ph.D. is placed upon research and thesis presentation.

The Department specializes in work bearing on developmental theories, embryology, biomathematics, marine and Arctic biology.

Adequate laboratory and library facilities are available for research, including constant temperature equipment. The Blacker and Wood Zoological Libraries comprise over 45,000 volumes.

Students are accepted on the basis of a good Honours Degree from Canadian or British Universities, and on the basis of first class standing with a major in the biological field from American Universities. Students

applying on the basis of an Honours Degree in the General Honours in the Biological Sciences course offered at McGill University should have at least a high second class, and should understand that they may have to spend additional time in fortifying their knowledge of zoology.

24. INVERTEBRATE ZOOLOGY (*except* ARTHROPODA) (Full course). A study of the comparative anatomy, taxonomy, development, evolution, and economic importance of invertebrate animals other than the Phylum Arthropoda. Graduate students will be expected to do additional work and reading.

2 lectures, 1 laboratory per week, for 2 terms. *Professor Stanley*

Textbooks: Borradaille, Eastham, Potts, *The Invertebrata* (Macmillan); Bullough, *Practical Invertebrate Anatomy* (Macmillan).

Offered in alternate years with Zoology 25 and 25L. Offered in the session 1951-52.

25. THE ARTHROPODA (Full course). A study of the comparative anatomy, taxonomy, development, evolution, and economic importance of animals of the Phylum Arthropoda. Graduate students will be expected to do additional work and reading. Students taking Zoology 25 must also take Zoology 25L, the laboratory course, and must take it in the same year as Zoology 25.

3 lectures per week, for 2 terms. *Professor Stanley*

Textbooks: Borradaille, Eastham, Potts, *The Invertebrata* (Macmillan); Bullough, *Practical Invertebrate Anatomy* (Macmillan).

Offered in alternate yours with Zoology 24. Not offered in the session 1951-52.

25L. LABORATORY (Half course). The laboratory work of Zoology 25. It must be taken along with Zoology 25, in the same year. A laboratory outline is issued by the Department.

2 laboratory periods of 2 hours each, per week, for 2 terms.
Professor Stanley

32. ANIMAL ECOLOGY (Full course). A study of the inter-relations between animals, groups of animals, and their environments. The zoogeography of terrestrial, marine and fresh water populations; the analysis of the physical environment in all three divisions of the biosphere; migrations, emigrations and other movements of animals, and the numerical behaviour of populations. Ecology and Evolution. Graduate students will be expected to do additional work and reading.

3 hours. *Professor Dunbar*

Textbook: Hesse, Allee and Schmidt, *Ecological Animal Geography* (John Wiley & Sons).

33. EXPERIMENTAL ZOOLOGY (Full course). A general analysis of development, together with normal, regenerative and malignant growth; experimental and analytical methods; theory construction; guide to current zoological literature. Graduate students will be required to do additional work and reading.

3 hours lectures per week for 2 terms. *Professor Berrill*

Textbook: Weiss, Principles of Development.

34. CULTURE METHODS (Full course). Methods of culture and maintenance of invertebrate and lower vertebrate animals and studies of their life-cycles. Graduate students will be required to do additional work and reading.

4 hours laboratory and conference period per week throughout 2 terms. *Professor Berrill*

Textbook: Galtsoff, *Culture Methods for Invertebrate Animals.*

35. APPLIED BIOMATHEMATICS (Half course). A study of mathematical theories of growth and form, mathematics as applied to the growth of populations, host-parasite relations, relative growth, radio-active tracers, etc. Graduate students will be expected to do additional work and reading.

2 lectures per week, first term; 1 per week, second term. *Professor Stanley*

37. THE HISTORY OF BIOLOGY. A study of the development of scientific observation in Biology, with emphasis on Zoology, from the Sixth Century B.C. to the present day. The history of anatomy, comparative morphology, embryology, palæontology, and ecology. Theories of the relationships of animals, and parts of animals, and of their evolution. Philosophical history of Biology. Biological expeditions. Graduate students will be expected to do additional work and reading.

Alternately 1 and 2 lectures per week for 2 terms. *Professor Dunbar*

Textbooks: Singer, *Short History of Biology;* Nordenskiold, *History of Biology*; plus a large reading list of monographs and original material.

51. ARCTIC ZOOLOGICAL RESEARCH (Full course). A seminar course for graduate students designed to stimulate interest in zoological work and research in Arctic North America. The history of zoological work in the north, special problems, conservation and development, field methods. Introduction to the literature.

3 hours per week throughout 2 terms. *Professor Dunbar*

Text: No set text—the whole literature is reviewed.

52. THE GROWTH OF POPULATIONS (Full course). A study of the works of Bailey, Crombie, Gause, Lotka, Malthus, Mendes, Nicholson, Salt, Stanley, Volterra, Weiner and others relative to mathematical theories of the growth of populations. A laboratory study of a population and analysis of the results.

Seminars, lectures and laboratory work equivalent to 2 hours lectures and 3 hours laboratory per week for 2 terms.

Professor Stanley

Textbooks: No set text. Original papers are used.

53. MARINE BIOLOGY (Full course). A study of the fundamentals of methods in marine biology (including physical oceanography). An introduction to the literature.

Seminars, lectures and discussion equivalent to 3 hours lectures per week for 2 terms.

The Staff

Textbooks: No set text.

LIBRARIES

All resident graduate students have access to the Redpath Library, containing over 500,000 volumes. The building also houses a number of special collections, such as the Blacker Library of Zoology. The Libraries of Engineering and of Medicine are housed in the Engineering and Medical buildings; the latter includes much of the material for the medical sciences, and a separate room contains the Osler Library, devoted principally to medical history. There are special libraries for Commerce and Law and at Macdonald College. A number of Departments maintain special libraries, of which the most extensive are in Chemistry, Geology, and Physics. All of these collections may be consulted by resident graduate students, though the hours for reading and the conditions under which books may be consulted or borrowed are not the same in all cases.

UNIVERSITY LIBRARY

UNIVERSITY LIBRARY

McGill University

Montreal

Library School

1951-1952

UNIVERSITY LIBRARY

McGill University



Montreal

Library School

1951-1952

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

McGill University

ADMINISTRATIVE OFFICERS OF THE UNIVERSITY

F. Cyril James, B.Com., M.A., Ph.D., D.Sc., D.C.L., LL.D., D. de L'U., F.R.S.C., Chevalier de la Légion d'Honneur — *Principal*

John J. O'Neill, M.Sc., Ph.D., F.G.S.A., F.R.S.C. — *Vice-Principal*

H. N. Fieldhouse, M.A., F.R.S.C. — *Dean, Faculty of Arts and Science*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., A.C.I.S. — *Bursar and Secretary of the Board of Governors*

T. H. Matthews, M.A. — *Registrar*

LIBRARY SCHOOL STAFF

Vernon Ross, B.S. in L.S. (Columbia), M.A. — *Director of the Library School and Assistant Professor of Library Science*

Virginia Murray, M.A. (Columbia), B.L.S. — *Assistant Professor*

Richard Pennington, B.A., Lib. Diploma (Lond.) — *Librarian, McGill University, and Lecturer in Library Science*

Effie Astbury, B.A., B.L.S. — *Lecturer*

Phebe Pratt, B.A., B.L.S. — *Lecturer*

Grace Reynolds, L.S. Certificate — *Secretary*

SESSIONAL LECTURERS

Serials	Grace Hamlyn, B.A., B.L.S.
Government Documents	Helen Haultain
Public Libraries	Kathleen Jenkins, B.A., L.S. Certificate
Special Libraries	Beatrice Simon, M.A., L.S. Diploma
Library Work with Children	Special Lecturers

CALENDAR

1951

September 21, Friday. Students register in the Library School.

September 24, Monday. Lectures begin in the Library School.

December 14, Friday. First term ends in the Library School.

December 18, Tuesday, to December 20, Thursday. Examinations in the Library School.

1952

January 7, Monday. Lectures resume in the Library School.

Date to be announced. Library School trip.

April 11, Friday, to April 14, Monday. Easter Vacation.

May 2, Friday. Lectures end in the Library School.

May 6, Tuesday, to May 9, Friday. Examinations in Library School.

May 12, Monday, to May 23, Friday. Practice work in the Library School.

Date to be announced. Convocation.

McGill University

LIBRARY SCHOOL

McGill University was the first institution in Canada to provide library training and the first to grant a degree in library science. Library courses were conducted during the summer of 1904, 1905, 1907, 1910-11, 1913-14, 1920-24, 1926 and 1927. Continued demands for more adequate training in a rapidly developing profession prompted the opening of the first regular winter course in October 1927. This was made possible through the generosity of the Carnegie Corporation. The course was then accredited by the Board of Education for Librarianship of the American Library Association. In 1930, the Corporation of McGill University approved the raising of the entrance requirements and the conferring of the degree of Bachelor of Library Science. The school was accredited on this new basis by the Board of Education for Librarianship and the B.L.S. degree was first conferred in May 1931.

Instruction is given in the principles of bibliography, library administration, cataloguing, and classification, and university graduates are trained for professional library work of all kinds—in university and college, public, school, children's, and special, libraries. The School is situated in a large city in which are to be found all types of libraries; and it is part of a university with a tradition of sound scholarship.

The School occupies rooms in the main University Library building, and its students have access to the stacks of the University Library.

DEGREE OF BACHELOR OF LIBRARY SCIENCE

Candidates who successfully complete all the required work of the School are entitled to receive the degree of Bachelor of Library Science (B.L.S.) at the May Convocation and to wear the regulation black Bachelor's gown and a Bachelor's hood of black, lined with burnt orange silk and trimmed with white rabbit fur. Academic costume for graduation may be rented from the Registrar's Office.

REQUIREMENTS FOR ADMISSION

1. Applicants for admission to the course leading to the degree of Bachelor of Library Science must have a Bachelor's degree from a recognized college or university and must present an official transcript of their college record.

2. Experience has shown that applicants *over thirty-five years of age* should not be encouraged to enter the School, unless they have had at least two years of work in a library. They usually find intensive study difficult and are at a disadvantage in applying for a position.

3. As no one with serious physical defects, personality difficulties, or ill health can readily obtain a position in library service, such persons should not ask admission to the School.

4. Applicants for admission must fill in the School Application Form and attach thereto a recent photograph and an advance fee of $10.00 which will be credited to the student's fee account. Should the application be rejected, this advance payment will be refunded. No refund will be made in the case of a student who withdraws after the application has been accepted.

5. Students are advised to learn to use a typewriter before entering, since the greater part of the work done must be in typewritten form.

6. Applicants without previous experience are recommended to work in a library for at least one month before taking the course, if that is possible.

EMPLOYMENT

While the School does not guarantee positions to graduates and will not recommend any with less than a "B" average, it makes an effort to help its graduates find suitable positions. Complete records are kept in the Library School files, and transcripts and letters of reference are sent to prospective employers on request.

Any graduate of an approved university who also has successfully completed the degree of Bachelor of Library Science at McGill University will be entitled without further examination to the Specialist's certificate which is issued to Librarians serving in the Protestant High Schools of the Province of Quebec.

MEDICAL EXAMINATION

1. HEALTH CERTIFICATE

Students when applying must present a certificate of health on a form which may be obtained from the School and which should be filled in and signed by a physician.

2. VACCINATION

All students entering the University are required by the Provincial Board of Health to present a certificate, or other satisfactory evidence, of successful vaccination within seven years, or of insusceptibility to vaccine within five years, failing which they must immediately be vaccinated in a manner satisfactory to the Medical Examiner.

3. MEDICAL EXAMINATION

To promote their physical welfare, all men and women in the school are required to be medically examined at the beginning of the session. The hours of examination are announced at the time of registration.

REGISTRATION AND ATTENDANCE

REGISTRATION

Students in the Library School are required to present themselves at the office of the Library School on Friday, September 21, preceding the commencement of lectures, in order to furnish the information necessary for the University records.

ATTENDANCE

1. Students are required to attend at least seven eighths of the total number of lectures or laboratory periods in any one course.

2. Excuses for absence on account of illness or domestic affliction are dealt with only by the Director of the School. Medical certificates covering absences must be presented by the student immediately after his return.

3. Those whose unexcused absences exceed one eighth of the total number of lectures in a course are not permitted to take the regular examination in that course; and those whose unexcused absences have exceeded one fourth of the total number of lectures must repeat the work in that course for credit.

FEES AND EXPENSES

1. FEES

(*a*) *Regular students*

Fees are due and payable at the Bursar's Office on or before September 25th. If paid in two instalments the second shall be paid on or before February 2nd. Instalment fee $5.00.

Fee for the Library Course (including Library Visits)	$300.00
Fee for Students' Activities	15.00

By instalments:

First instalment	120.00
Second instalment	200.00

These fees include registration, instruction, (including Library Visits) the use of the Library, health service, athletics, students' activities, and graduation diploma.

Fee for each supplemental examination	10.00

(*b*) *Partial students*

Information concerning fees for such courses may be obtained from the Secretary of the School.

(*c*) *Arrears*

Immediately after September 25th (or February 2nd) in the case of students who pay by instalments), the Chief Accountant will send to the Director of the School a list of registered students who have not paid their fees. Such students cannot be re-admitted to classes until a satisfactory arrangement has been made with the Chief Accountant. A late fee of $2.00 is charged.

2. TEXTBOOKS AND MATERIALS

Students should allow approximately $35.00 for text books. These are available from the University Book Store and the Library School. Blank forms, cataloguing cards, and other library supplies needed during the session may be obtained from the Secretary of the School.

3. LIBRARY VISITS

A week's visit, under the direction of members of the Faculty, to libraries in other Canadian cities is a required part of the Library course. (See 1*a* above.)

4. BOARD AND RESIDENCE

Information regarding accommodation at the University may be found in the enclosed booklet of General Information.

5. CLUBS AND SOCIETIES

Students are encouraged to take advantage of the privileges offered to members of the Canadian Library Association, the Quebec Library Association, the Special Libraries Association, and the American Library Association. Women students of the School are eligible for membership in the University Women's Club, 3492 Peel Street, in the immediate neighbourhood of the School.

SCHOLARSHIPS

1. The Ethelwyn M. Crossley Scholarship, founded in honour of a former student of the school. Women students are given preference.

2. The Elizabeth G. Hall Scholarship, founded in memory of a former member of the McGill University Library staff.

These awards are made, after due investigation and recommendation, to deserving students who require financial assistance to take the course. Application blanks may be obtained from the Secretary.

A complete list of scholarships and bursaries and the regulations governing the various loan funds are given in the Announcement of Scholarships, Bursaries, and Loan Funds which may be obtained from the Registrar's Office.

PARTIAL STUDENTS

A limited number of qualified students who are not candidates for the degree may be admitted to individual courses as partial students. Before registration such students must satisfy the staff of the School of their ability to follow the courses selected, and they must fulfil all requirements of classroom work and tests prescribed for regular students of these courses. A certificate of attendance may be obtained on application to the Registrar of the University, but no certificates will be given for attendance at lectures unless the corresponding examinations have been passed.

SPECIAL LECTURES

The students have the benefit of occasional special lectures from visiting librarians or local specialists. The programme for the 1950-51 session included lectures by Mr. Peter Grossman, Director of Regional Libraries for the Province of Nova Scotia; Mr. F. C. Jennings, Chief Librarian, Carnegie Library, Ottawa; Dr. J. A. Brunet, Director of Studies, Library

School, University of Montreal; Miss Elizabeth Morton, Secretary, Canadian Library Association; Miss Mildred Turnbull, Librarian, Head Office, Royal Bank of Canada; Dr. J. J. Talman, Librarian, University of Western Ontario; Mr. Hilton-Smith, Deputy Chief Librarian, Toronto Public Libraries; Mr. Angus Mowat, Director of Libraries for the Province of Ontario; Mr. E. S. Robinson, Librarian, Vancouver Public Library; Miss Mary Morton, Librarian, Department of National Health and Welfare; Dr. G. R. Lomer, Former Director, McGill University Library School; Professor C. Wrigley, Department of Psychology, McGill University; Professor John Bland, Director of the School of Architecture, McGill University; Miss Grace Crooks, Director of the Montreal Children's Library; Dr. W. Kaye Lamb, Dominion Archivist.

DESCRIPTION OF COURSES

The courses provided by the School are based upon the needs and opportunities presented by the librarian's four-fold relation to: the building in which his library is housed, the books and periodicals in his charge, the readers whom he serves, and the staff with whom he works. In teaching the various subjects of the curriculum, every effort is made to relate them to library work as a whole and to develop a dynamic, rather than mechanical, point of view with regard to the present practice and the future possibilities of the profession.

Whenever possible, the past history, the practice of today, and the probable future development of library activities are related, and students are encouraged to assume an attitude that is constructively critical and forward-looking, rather than one that is merely imitative, conventional, and retrospective. The work of the School is grouped under the following headings for convenience of instruction: 1. Organization and administration of libraries. 2. The acquisition and care of library materials. 3. The selection and use of library materials. 4. Library practice.

ELECTIVES

Special courses are given in the second term on public libraries, children's and school libraries, college and university libraries, and special libraries, two of which must be elected.

1. ORGANIZATION AND ADMINISTRATION OF LIBRARIES

This group of courses is planned to give a general picture of the ideals, functions, and successful operation of libraries of different types. It is concerned with the place of the library in the community, the duties and opportunities of the librarian, and his relation to the governing authorities, staff, and readers. These courses form both framework and background for the more detailed instruction in technique and specialized services.

1. THE LIBRARY PROFESSION — *Professor Ross*

Intended to provide professional background, this course includes the historical development of library work; some famous libraries and librarians; the Canadian library movement; a brief survey of work in various types of libraries; an introduction to the literature of the profession; a study of the work of library associations; consideration of the training, qualifications and ethics of the librarian; efficient methods of work organization and study.

2. HISTORICAL BIBLIOGRAPHY — *Mr. Pennington*

This course deals with the history of the manuscript and printed book from classical times to the present. It includes lectures on Palaeography, the transmission of texts, the invention and development of printing, and the technical processes of book making, including book illustration. Finally it is shown how this bibliographical knowledge, applied as Analytical Bibliography, becomes part of the *apparatus criticus* of modern textual criticism.

3. LIBRARY BUILDINGS AND EQUIPMENT — *Professor Ross and others*

In this course the following subjects are discussed: principles in library planning; reading of architect's plans; the planning of various types of libraries; furniture and equipment; heating, ventilation, and lighting.

The lectures are illustrated by specially prepared diagrams. Students are required to work out simple planning problems illustrating topics considered in the course.

4. CIRCULATION — *Miss Astbury*

The organization of the circulation department; registration of borrowers; a comparative study of the different methods of charging books; regulations and fines; supervision of reading room and stack; statistics; interlibrary loans.

5. PUBLIC LIBRARIES — *Miss Jenkins*

After an introductory survey of the relation of the library to other educational institutions, the student becomes familiar through lectures and required reading with such topics as: the principles of business and service organization; elements of library administration; the appointment, qualifications, and duties of trustees; committees, meetings, and minute book; the library budget, distribution of funds, and accounts; statistics and reports; supplies and stock, inventory and checking stock; the qualifications of assistants, staff appointments and records, personnel management and work schedules; legislation affecting libraries in Canada.

5a. LIBRARY EXTENSION *Professor Ross*

A history of the development of county and regional library service in Canada and other countries is followed by a study of the organization and operation of rural services.

5b. ADULT EDUCATION *Professor Ross*

A study of the social structure of the community; an estimation of the reading capacities, interests and needs of the people by means of library surveys; methods of improving the educational level and of supplying vocational guidance through readers' advisory work, discussion groups; and the use of records, films, radio and television in the public library.

5c. LIBRARY PUBLICITY AND EXHIBITS *Professor Ross*

This course explains the principles of library publicity as applied to effective advertising; how to organize library campaigns; friends of the library groups; methods of co-operation with outside agencies; the technique of arranging library exhibits.

6. COLLEGE AND UNIVERSITY LIBRARIES *Professor Ross and Mr. Pennington*

After a brief survey of the historical development of college libraries, their present organization and problems are considered, including service to undergraduates, research students, and staff; departmental libraries; special collections and reading rooms; teaching the use of the library; the allocation of funds; inter-library loans; and such technical processes as differ from those in public and other libraries.

7. SPECIAL LIBRARIES *Miss Simon*

This course is designed to present the purpose and point of view of the special library and to discuss the adaptation of general library techniques to its needs. Special attention is paid to the organization and administration of research libraries in business and industry, and the libraries of societies, foundations, and similar institutions. Research methods and sources of information peculiar to each field are surveyed and discussed. Practice work in selected special libraries is provided and visits are made to special libraries in Montreal and other large cities.

8. LIBRARY WORK WITH CHILDREN *Special Lecturers*

This course shows the adaptations necessary in cataloguing and classification, reference work, book selection, and general administration to serve the needs of libraries for children. Children's literature from the historical point of view is reviewed; modern illustrators and modern authors are discussed. Special problems of the school library are considered. The lectures are supplemented by story telling, and by practical work in, and visits to, children's libraries.

II. ACQUISITION AND CARE OF LIBRARY MATERIALS

The purpose of these courses is to acquaint the future librarian with the principles of wise, economical, and adequate provision of books, periodicals, pamphlets, and other non-book material, etc., for library use, and the best modern technique to be applied in recording them and in making them available to the public.

9. ACCESSIONS *Miss Astbury*

After considering the principles of accessions, a flexible routine for the receipt and record of gifts is discussed, followed by practice in the use of trade bibliographies, publishers' lists, and second hand catalogues, English, American, and foreign, as a basis for dealing with problems in ordering. The equipment and administration of this department, including the handling of invoices, fund records, and files, are also discussed. Practice is provided in the complete routine of ordering, in which the student makes out order cards, orders, and invoices, and completes the recording and filing involved.

10. CLASSIFICATION AND CATALOGUING *Professor Murray*

The principles and purpose of classification and cataloguing are studied with a view to their application in libraries of different types and sizes. The Dewey Decimal classification is reviewed, the A.L.A. Cataloging Rules and the Library of Congress Rules for Descriptive Cataloging are examined in detail, with laboratory practice throughout the course in cataloguing and classification of books. The organization of the Cataloguing Department is also considered as well as the care of special types of material.

11. ADVANCED CLASSIFICATION *Professor Murray*

The history and theory of classification are considered and a comparative study is made of Dewey, Brussels, Cutter, Library of Congress, Brown, Bliss, and other classification schemes now in use.

12. BINDING *Mr. Pennington*

The topics considered in this course include the following: hand binding; the processes of sewing, forwarding, and finishing; types of sewing; machine binding, reinforced library binding, and spiral wire binding; materials, patterns, routine, and records for book binding; binding for periodicals and serials, pamphlets, and fugitive material; common causes of damage to books; repairs to books, and the history of book bindings.

III. SELECTION AND USE OF LIBRARY MATERIALS

While the students are being taught how to care for books and are acquiring professional knowledge and experience, the point of view and needs of the future reader are explained and provided for by a carefully planned study of the subject content of books and their adaptation to practical use in the libraries of various types.

During the first term Book Selection and Reference are studied separately and from a general point of view. In the second term they are combined and taught together in "special subject units" such as art, history, and chemistry. All forms of material are covered including books, serial publications, government documents, pamphlet, and other appropriate material.

13. BOOK SELECTION — *Mrs. Pratt*

This course deals with methods of selecting books for various types of libraries, communities, and readers. Representative books of all classes are examined for their literary value as well as their physical make-up, and various editions, translations, and series are compared.

The student becomes familiar with the general and special printed aids to selection; the characteristics and specialties of publishing houses and book agents; the problems of authorship, copyright, and censorship; and important literature of the library profession, including library journals and books reviewing periodicals.

Training is given in book evaluation, annotation, and written and oral book reviewing.

14. REFERENCE TECHNIQUES AND SUBJECT LITERATURE — *Miss Astbury*

The purpose of the course is to give students a practical understanding of the administration of a reference department and its clientele, efficient reference and research work, and a critical knowledge of the basic reference materials such as encyclopedias, dictionaries, yearbooks, indexes, followed by the outstanding reference sources in special subjects. Typical reference questions are given to students in order to develop facility in the use of these various books. Each student also makes an intensive study of the literature of one subject.

15. GOVERNMENT PUBLICATIONS — *Professors Ross and Murray and Miss Haultain*

The object of the course is to familiarize students with the character of British, Canadian, and United States government documents in reference and research work, their source and distribution, and their care and use in libraries. Special attention is paid to the understanding and use

of the various catalogues and indexes, and the organization of the different departments of government. Some attention is also paid to foreign documents, and United Nations and Unesco publications.

16. SERIALS *Miss Hamlyn*

A brief sketch of the historical development of serials is given; study is made of the various types of serials published to-day, such as popular magazines, technical journals, house organs, and the publications of societies and institutions.

A systematic survey is made of problems in the selection and ordering of serials in English and foreign languages; checking and claiming; circulation, binding, and storage; exchange of duplicates and completing of sets.

17. PRACTICAL BIBLIOGRAPHY *Professor Ross*

Training is given in the preparation of an annotated bibliography. Printed bibliographies of all types are studied and practice is given in dealing with questions requiring bibliographical research. The importance of union catalogues, bibliographical centres, and national libraries is emphasized.

NON-BOOK MATERIALS

Problems arising in connection with the acquisition, care, and use of non-book materials in libraries are considered in appropriate courses and cover the following:

1. Motion picture films, stills, photostats, lantern slides, microfilm, and microcards, including a brief explanation of the processes of photography in its application to the library.

2. Music recordings and sheet music.

3. Picture collections, architectural drawings, blueprints, maps, and material of a similar nature.

4. Pamphlets, clippings, and other fugitive material.

5. The principles of alphabetical, geographical, numerical, subject, and classified filing are studied, and applied to the care of information files, office records, pamphlets, and pictures.

IV. LIBRARY PRACTICE

A trained library assistant in a modern library (public, special, college, school, or children's) should be familiar with the use of library materials and with the daily work of a practising librarian. To this end the following practical work is required:

1. LABORATORY WORK

The principles and methods taught in the technical courses are applied in problems and laboratory work.

2. VISITS TO LOCAL LIBRARIES

Students in the School make regular use of the Redpath Library and the various special and departmental libraries of the University. In addition, they have an opportunity of becoming familiar with the Westmount Public Library, Mechanics' Institute, Fraser Institute, Montreal Public Library, St. Sulpice Library, Divinity Hall Library, Osler Library (medicine), Canadian Industries Library, Bell Telephone Company Library, Library of the Sun Life Assurance Company, Library of the Royal Bank of Canada, Library of the Montreal Museum of Fine Arts, Montreal Children's Library, Notre Dame de Grace Children's Library, Montreal High School Library, D'Arcy Magee High School Library, Montreal Catholic School Commission Library, and the Commercial High School Library. Visits are also made to a paper mill, printing house, publishing house, and commercial bindery.

3. LIBRARY VISITS TO OTHER CITIES

A week's visit to other cities in Canada with a programme of conducted visits to libraries, is planned as a required part of the course. This illustrates the practical application of subjects taught. Each student is required to prepare a report and to take part in class discussions on methods observed.

4. PRACTICE WORK

Two weeks of practical work under supervision is required during the session, in order that the student may acquire an appreciation of library work as a whole under everyday conditions. (72 hours)

McGill University

Montreal

School of Physical Education

Sir Arthur Currie Memorial Gymnasium

1951-1952

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
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Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

McGill University

SCHOOL OF PHYSICAL EDUCATION

ADMINISTRATIVE OFFICERS

F. Cyril James, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D.C.L. (Bishop's), LL.D. (Queen's, Toronto, London, New York, etc.), D. de l'U. (Montréal), F.R.S.C., Chevalier de la Légion d'Honneur
Principal

John J. O'Neill, Ph.D. (Yale), M.Sc., F.G.S.A., F.R.S.C. *Vice-Principal*

J. B. Kirkpatrick, B.A., M.Ed. (Sask.), Ed.D. (Columbia)
Professor of Physical Education and Director of the School

Miss Iveagh Munro, B.Sc., M.A. (Columbia), Dip. M.S.P.E.
Associate Professor of Physical Education

Victor F. Obeck, B.S. (Springfield), M.A. (Columbia)
Associate Professor of Physical Education

F. M. Van Wagner, B.P.E. (Springfield)
Associate Professor of Physical Education

H. R. Ryan, B.A. (Acadia), B.P.E. (Springfield)
Assistant Professor of Physical Education

Miss Thelma Wagner, B.Sc., M.A. (New York)
Assistant Professor of Physical Education

Miss Gladys Bean, M.A. (Columbia), B.A., Dip. M.S.P.E.
Assistant Professor of Physical Education

Miss Winona Wood, B.A., B.Ed. (Sask.), M.A. (Columbia), Dip. M.S.P.E.
Assistant Professor of Physical Education

R. E. Wilkinson, B.Sc. (P.Ed.) *Lecturer*

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A. *Bursar*

T. H. Matthews, M.A. (Oxon.) *Registrar*

G. A. Grimson, B.Com. *Chief Accountant*

A complete list of the teaching staff of the University, including the School of Physical Education, is printed as a separate announcement which may be obtained from the Registrar's Office.

SCHOOL OF PHYSICAL EDUCATION OFFICE

SIR ARTHUR CURRIE MEMORIAL GYMNASIUM

475 Pine Avenue West
Montreal 18
Telephone — MA 9181

GENERAL INFORMATION

HISTORY AND AIMS

The McGill School of Physical Education is an integral part of the Faculty of Medicine of McGill University. It was established as a short summer course in 1912, a three years' course in 1933, and, in the Session 1945-46, it was extended to a four years' course leading to the degree of Bachelor of Science in Physical Education, B.Sc.(P.Ed.)

The aim of the school is to provide Canada with well-qualified teachers of health and physical education who realize the contribution these subjects should make towards sane and happy living.

THE FIELD

There is an increasing demand for trained teachers in physical education and the field is rapidly widening to include such organizations as the following: Public and Private Schools, High Schools, Colleges, Y.M.C.A.'s, Y.W.C.A.'s, Church Clubs, Playgrounds, Recreation Centres, Welfare and Social Clubs, Settlements, Industrial Organizations, Boy Scouts, Girl Guides, Summer Camps, etc.

THE COURSE

The course is of four years' duration following a satisfactory standing in certain required subjects of the McGill School Certificate Examination, or three years after obtaining the necessary standing in the McGill Senior School Examination, or their recognized equivalents.

The course includes an analysis of the growth, development, and behaviour of the physical organism as a functioning unit, the underlying principles of general education, educational psychology, and the possible contribution of physical education to the problems of modern civilization.

During the course, and in addition to the regular academic sessions, a minimum of four months of field work and practice teaching under staff supervision is required. Normally this is made up by field work for a period of at least one month during each of the vacation periods which follow the second and third years, attendance for three weeks at the Autumn Outdoor Schools before each of the second and third years, and three weeks of practice teaching at the end of the fourth year.

DEGREE COURSE OFFERED

The course is open to both men and women students and leads to the degree of Bachelor of Science in Physical Education, B.Sc.(P.Ed.)

Degrees are granted to successful students at the end of the course.

The Degree of the School is recognized by the Protestant Committee of the Department of Education, Province of Quebec, and the Montreal Protestant Central School Board, as qualifying a student who is a British subject for the rank of Specialist in the Public Schools.

Candidates who wish to qualify for the High School Diploma of the Province of Quebec are urged to consult the Professor of Education.

ENTRANCE QUALIFICATIONS

Acceptable Junior Matriculation standing or equivalent work done elsewhere is necessary for admission to the School. The successful completion of the first year in the Faculty of Arts and Science or the necessary standing in the McGill Senior School Certificate Examination (Senior Matriculation), or equivalent work done elsewhere, is necessary for admission to the second year of the School. Physics, Chemistry, and Biology should be covered during the first year.

Students are admitted into the third year only in exceptional circumstances and at least two years of resident study in the School are ordinarily required before the Bachelor's degree can be granted.

The number of admissions is limited and the School is not bound to accept applicants who have passed the required examinations.

A natural aptitude for, and previous training in, physical activities, together with a sense of rhythm, are essential. A student should have played several team and individual type games and know how to swim, play basketball and tennis, skate, and have had some instruction in gymnastics before entering. Women students should have had some instruction in different forms of dancing. It is recommended that a student should, if possible, have earned the Bronze Medallion of the Royal Life Saving Society or its equivalent.

Students who desire to follow this course should consult the Director of the School concerning detailed requirements in motor activities.

The programme of physical education places a rare opportunity in the hands of the teacher and thus necessitates a forceful personality, guided by high ideals and aspirations, an understanding of people, and an ability to organize and control group activities.

FACILITIES

The University Library and Museum are available for use by the students, as are the University Hockey Rinks and Tennis Courts, the Percival Molson Memorial Stadium, the Sir Arthur Currie Memorial Gymnasium, and the Memorial Swimming Pool.

A special library of selected works and the leading magazines on physical education are available for use by the students.

Exceptional facilities are afforded for practice teaching and observation in the Public Schools under the Montreal Protestant Central School Board, and in various institutions throughout the City.

RESIDENCES

See enclosed General Information pamphlet and application form.

UNIFORMS AND EQUIPMENT

The regulation costumes of the school must be worn, and students are not permitted to wear other than the regulation garments. An amount of approximately $40.00 is required to cover the cost of uniforms and personal equipment during the first year of attendance at the School.

Students will also be responsible for providing their own sports equipment, including ski equipment, tennis and badminton racquets, skates, hockey sticks, etc., as indicated in the course outlines for each year.

STUDENT ORGANIZATIONS

All women students are members of the Women's Union of McGill University and all its affiliated societies.

All men students are members of the Students' Society of McGill University.

PROFESSIONAL OPPORTUNITIES

From time to time students are required to attend lectures and functions relevant to their professional training.

TEXT BOOKS

The University Library exists for supplementary reading only. In order to start their own professional libraries, students are given a limited number of books and mimeographed material. In addition, students are expected to purchase a certain number of books recommended by the School.

ADMISSION

Men and women students are admitted to the regular courses in the School. They will not be admitted if they are less than 17 or more than 27 years of age, except under special conditions. A personal interview is advisable, and applicants must have had some practical experience in physical work before registration.

A photograph (passport size) and two references, one from a former teacher, must be sent direct to the school. Neither reference should be from a relative.

MCGILL UNIVERSITY LIBRARY

Partial students may be admitted to individual courses at the discretion of the Director.

FURTHER INFORMATION

Requests for further information should be addressed to the Secretary, School of Physical Education, McGill University, Montreal 2.

REGULATIONS

1. All students enter the School on an indeterminate probation. Students who are considered unsuitable for the profession are advised to discontinue.

2. A student may at the discretion of the Director be requested to withdraw at any time for reasons of unsatisfactory work or conduct.

3. Students in professional courses are required to be present at all classes unless excused. For classes in the Faculty of Arts and Science, see the regulations of that Faculty.

4. The regulations of the Faculty of Arts and Science concerning acceptance, exemptions, advancement, supplementals, standing, and conditions are followed as closely as possible.

5. No student is permitted to participate in outside demonstrations, classes, or teams, etc., without first having secured permission from the Director.

6. During the vacation periods which follow the second and third years, all students are required to do field work for a minimum of one month each year. The Director may, at his discretion, permit some modification of this requirement. The first three weeks of the second and third years are devoted to field work which is completed before the regular lectures in the Faculty of Arts and Science begin.

REGISTRATION AND FEES

REGISTRATION

Students will register at the Office of the School, 475 Pine Avenue West, as follows:

YEAR I—MEN AND WOMEN: Monday, September 24th.

YEARS II AND III—WOMEN: Thursday, September 6th.

YEAR II—MEN: Monday, September 10th.

YEAR III—MEN: Thursday, September 13th.

YEAR IV—MEN AND WOMEN: Friday, September 28th.

Students registering late are required to pay a late fee.
Application forms should be returned not later than August 15th.

FEES

The regular fees and special fees are given in the General Information pamphlet included in this Announcement.

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

DATES FOR PAYMENT

Fees for women students who are entering the second or third years of the course are due and payable at the Accounting Office on Thursday, September 6th. For men students entering the second year the fees are payable on Monday, September 10th, and for third year men on Wednesday, September 13th. Fees for students entering the first year will be payable on Monday, September 24th, and for students entering the fourth year the fees will be payable on Friday, September 28th. Fees must be paid between the hours of 9 a.m. and 4 p.m., on or before the specified dates. An instalment fee of $5.00 is charged when fees are paid in two instalments.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the above paragraph.

Immmediately after the prescribed dates for the payment of fees, the Chief Accountant will send to the Director of the School a list of the registered students who have not paid their fees. The Director will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

SCHOLARSHIPS AND AWARDS

1. THE A. S. LAMB SCHOLARSHIPS IN PHYSICAL EDUCATION. — These scholarships, endowed by friends of Dr. Arthur S. Lamb, formerly Director of the School of Physical Education and of the University Department of Athletics, Physical Education, and Recreation, as a tribute to his work in these fields, will be offered for the first time in 1951. There are two scholarships of $75 each, tenable, one by a man and one by a woman, in the final year of the School of Physical Education. They are awarded by a small committee who will take into account both the academic record and the personal qualities of the students eligible. No applications for these scholarships are necessary.

2. GOLD MEDAL.—The School offers a gold medal to the student who attains the highest general proficiency throughout the course.

3. LIEUTENANT-GOVERNOR'S SILVER MEDAL.—This prize is awarded to the Junior Student who attains the highest general proficiency in the sessional examinations.

N.B.—The above conditions may be amended and prizes may be withheld at the discretion of the Director.

COURSES OF INSTRUCTION

The University reserves the right to amend or cancel any of the courses listed below. Further details of the courses are available upon request.

YEAR I

MEN AND WOMEN

*ENGLISH 100. (Literature and Composition) (Full Course)

*PHYSICS 12. GENERAL COURSE (B. A. section) (Full Course)

A general course covering the elementary portions of mechanics, sound, heat, magnetism, electricity, light and atomic physics. Simple applications of fundamental principles to well known phenomena are explained with the aid of demonstrations, laboratory work and numerical examples.

Texts: Howe, Introduction to Physics (McGraw-Hill); An Elementary College Course in Experimental Physics (Renouf Publishing Co,)

*CHEMISTRY 60—The Chemistry of Daily Life (Full Course)

Major branches of chemistry discussed are Inorganic, Organic, Food, and Industrial.

Text: Hatcher, An Introduction to Chemical Science, 2nd ed. (Wiley)

*ZOOLOGY 11a—The Animal Kingdom (Half Course)

The nature and evolution of the animal world, with emphasis on types, environments, adaptation, and evolutionary processes.

Text: Buchsbaum, Animals without Backbones (Chicago U.P.).

*ZOOLOGY 11b—Man and His Evolution (Half Course)

The zoological history of man as a vertebrate animal; an elementary study of the structure and physiology of man, with a review of the evolutionary processes which have produced modern man.

Text: Hegner, College Zoology, 5th Edition (Macmillan).

*Faculty of Arts and Science.

PHYSICAL EDUCATION 1. Basic Techniques in Neuromuscular Activity (Full Course)

The basic and professional requirements in Year I consist of introductory or orientation courses given with the object of familiarizing the student with the field of physical education and recreation. A general standard of proficiency in motor skills is required in selected activities as a basis for the more advanced work of later years. Instruction in First Aid forms part of this course.

MEN: Track and field, soccer, basketball, gymnastics, apparatus, wrestling, swimming.

WOMEN. Swimming, elementary fundamental gymnastics, elementary modern dance, basketball, skating, volleyball, badminton.

YEAR II

MEN AND WOMEN

*ENGLISH 230—Literature in the Nineteenth Century. (Full Course)

FUNCTIONAL ANATOMY (Full Course)

The emphasis in this course is upon the body as a living mechanism in which the function and structure are inseparably related and in which the activities of all parts are intimately co-ordinated.

Text: Williams, Anatomy and Physiology (Saunders).

*PSYCHOLOGY 21—Introduction to Psychology. (Full Course)

A biologically oriented outline of the modern approach to psychology.

*SOCIOLOGY 21A (Full Course)

Introduction to the study of society, evolution of social institutions, patterns of social and cultural change, social forces determining economic and political adjustments.

Text: Dawson and Gettys, An Introduction to Sociology (The Ronalds Press).

*CHEMISTRY 72a (Half Course)

A course in elementary organic chemistry especially designed for students in Physical Education.

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*Faculty of Arts and Science.

PHYSICAL EDUCATION 2. Principles of Physical Education: Analysis and Practice of Activity.

(Full Course)

A survey of the aims of physical education and their relation to those of general education. Age and sex characteristics in play and recreation. Techniques and procedures for the elementary school. Students who are admitted to Year II with Senior Matriculation must give evidence of having achieved a standard of proficiency equivalent to that of students who have completed the practical work in the first year. If this is not so, extra practical, and in some cases theoretical, work will be required.

All students of the second year are required to report three weeks before the regular lectures begin in order to attend the Outdoor School in athletics, sports, and games.

During the session all students are required to attend a Ski School in the Laurentian Mountains for class instruction, practice in techniques, cross country touring, lectures, and discussions.

Between second and third years, all students are required to devote a minimum of one month to appropriate field work unless excused by the Director of the School.

MEN: Gymnastics, apparatus, soccer, track and field, rugby, touch rugby, softball, swimming, wrestling, hockey, skiing, backgrounds of the dance, and basketball.

WOMEN: Elementary school activities, gymnastics, soccer, track and field, softball, swimming, skiing, field hockey, tennis, camping, backgrounds of the dance, and basketball.

YEAR III

MEN AND WOMEN

*PSYCHOLOGY 34a—Dynamics of Behaviour and Adjustment (Half Course)

Instinct, need, drive, conflicting resolution, theory of motion and motivation.

*PSYCHOLOGY 34b—Theory of Personality (Half Course)

Consideration of current theories of personality, and of the theoretical basis of classification techniques.

*Faculty of Arts and Science.

*EDUCATION 1. General Principles of Education (Full Course)

*EDUCATION G. (Half Course)

The use of the voice as a teaching instrument. Voice training, production and control. Diction and enunciation. Reading aloud (prose and poetry). Pitch and modulation.

*PHYSIOLOGY 21—Human Biology (Full Course)

A concise account of the structure and functions of the human body, given jointly by the Departments of Anatomy, Biochemistry, and Physiology.

Texts: Best and Taylor, The Living Body.

**NUTRITION (Half Course)

Designed to give an understanding of the basic principles of nutrition with particular emphasis on nutrition requirements of the various age groups. Planning of adequate menus. Community nutrition programmes and methods of nutrition education.

**COMMUNITY HYGIENE (Half Course)

Fundamental principles of disease prevention, with special reference to sanitary environment and communicable diseases. Sources and modes of infection. Cause and effect.

PHYSICAL EDUCATION 3. Methods and Analysis of Teaching (Full Course)

Evaluation and selection of material for the teaching of health, physical education, and recreation in the secondary schools, camps, playgrounds, and community centres. Techniques; methods; practice teaching.

All women students of the third year are required to report three weeks before the regular lectures begin in order to attend the Outdoor School in athletics, sports, and games. All men students of the third year are required to report the day after Labour Day at Camp Nominingue for their camping course prior to the Outdoor School.

During the session all students are required to attend a Ski School in the Laurentian Mountains for class instruction, practice in techniques, cross country touring, lectures and discussions.

Between third and fourth years, all students are required to devote a minimum of one month to appropriate field work unless excused by the Director of the School.

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*Faculty of Arts and Science.
**Faculty of Medicine.

MEN: Tennis, track and field, soccer, rugby, skiing, gymnastics, canoeing, campcraft, apparatus, basketball, swimming, life saving, hockey, folk dancing, boxing. Observation; methods analysis of teaching; officiating; coaching; practice teaching.

WOMEN: Backgrounds of the dance, gymnastics, skiing, apparatus, advanced modern dance, clog and tap dancing, folk dancing. Observation; methods and analysis of teaching; practice teaching.

YEAR IV

MEN AND WOMEN

PHYSIOLOGY OF EXERCISE (Half Course)

The effects of various types of exercise are studied in relation to the working power of the human machine and consideration is given to the underlying principles in the selection of the best methods of exercise to employ.

HISTORY OF PHYSICAL EDUCATION (Half Course)

Study of the history of Physical Education from primitive times until the present day, including political History and the history of Education insofar as they have influenced Physical Education. Discussion of the growth and scope of modern societies that aim to promote public welfare through health and recreation.

ORGANIZATION AND ADMINISTRATION (Full Course)

Problems involving facilities, equipment, organization, and administration of physical education programmes in schools, colleges, industries, and institutions.

**PHYSICAL MEDICINE (Equivalent of 2 courses)

Development and present day requirements in Mental Health and Preventive Medicine, Genetics (21a), technical application of Physical Medicine, methods in Health Education, and care of athletic injuries.

This course includes remedial gymnastics; personal, school, and community health problems.

PHYSICAL EDUCATION 4. (Full Course)

Principles of physical education, programme construction. Curriculum content and planning.

**Faculty of Medicine, Department of Health and Social Medicine.

Principles, methods, advanced techniques. Analysis and integration of school curricula in health, physical education, and recreation. Practice teaching.

At the termination of the regular college session, all students are assigned to practice teaching duties in the public schools on a full-time basis for a period of three weeks.

MEN: Advanced gymnastics, water safety, exhibitions, pageants, individual sports. Adult and community recreation, squash, badminton. Officiating, coaching, and practice teaching.

WOMEN: Advanced apparatus, tumbling and stunts. Exhibitions, pageants. Adult and community recreation. Officiating, coaching and practice teaching.

McGill University

Montreal

School for Graduate Nurses

Beatty Memorial Hall

UNIVERSITY LIBRARY

McGill University

Montreal

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Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
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TABLE OF CONTENTS

	Page
Administrative Officers of the University	3205
Staff	3206
Officers of Instruction	3206
General Information	3208
Admission Requirements	3209
Transfer of credits	3209
Application and Registration	3209
Fees	3210
Board and Residence	3211
Expenses	3211
Uniforms	3212
Scholarships	3212
Loans	3213
Certificate Courses	3214
Degree Courses	3220
Description of Courses	3224

UNIVERSITY LIBRARY

ADMINISTRATIVE OFFICERS

F. Cyril James, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D.C.L. (Bishop's), LL.D. (Queen's, Toronto, London, New York, etc.), D. de l'U. (Montréal), F.R.S.C., Chevalier de la Légion d'Honneur
Principal

John J. O'Neill, Ph.D. (Yale), M.Sc., F.G.S.A., F.R.S.C. *Vice-Principal*

G. Lyman Duff, B.Sc., M.A., M.D., Ph.D.(Tor.), F.R.S.C.
Dean of the Faculty of Medicine

Elva Honey, A.R.R.C., B.N., R.N.
Acting Director of the School for Graduate Nurses

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., A.C.I.S., L.C.M.I. *Bursar*

T. H. Matthews, M.A. *Registrar*

G. A. Grimson, B.Com. *Chief Accountant*

ADVISORY COMMITTEE

Dean G. Lyman Duff, *Chairman*

Miss Isobel Black — Miss Dora Parry

Miss Helene Lamont — Professor C. J. Tidmarsh

Miss Mary S. Mathewson — Professor R. P. Vivian

SCHOOL FOR GRADUATE NURSES OFFICE

BEATTY MEMORIAL HALL

1266 Pine Avenue West

Montreal 25, P.Q.

Telephone—MA 9181

STAFF OF SCHOOL FOR GRADUATE NURSES

Elva Honey, A.R.R.C., B.N., R.N.	*Acting Director*
Ann Peverley, B.S., R.N.	*Assistant Professor*
J. Margaret Holder, B.N., R.N.	*Lecturer*
Elizabeth Logan, B.S., M.N., R.N.	*Lecturer*
Elsie C. Ogilvie, R.N.	*Lecturer*
Tekla Else Tammist, M.A., B.L.S.	*Librarian*

OFFICERS OF INSTRUCTION IN THE SCHOOL

Caroline V. Barrett, R.N.	*Lecturer in Supervision in Obstetric Nursing*
Professor James A. Coote	*Lecturer in Scientific Management*
Caroline H. Elledge, Ph.B.	*Lecturer in Social Aspects of Nursing*
Madeline Flander, Certificate, S.G.N., R.N.	*Lecturer in Supervision in Pædiatric Nursing*
J. Margaret Holder, B.N., R.N.	*Lecturer in Public Health Nursing*
B. S. Johnston, M.D.	*Lecturer in Hospital Administration*
Elizabeth Logan, B.S., M.N., R.N.	*Lecturer in Supervision in Pædiatric Nursing*
Kathleen Marshall, Certificate, School of Nursing (Tor.), R.N.	*Lecturer in Supervision in Psychiatric Nursing*
Elsie C. Ogilvie, Certificate, S.G.N., R.N.	*Lecturer in Supervision in Psychiatric Nursing*
Ann Peverley, B.S., R.N.	*Lecturer in Public Health Nursing*
J. Gilbert Turner, M.Sc. (Columbia), M.D., C.M.	*Lecturer in Hospital Administration*
Marian Wall, B.H.S., M.Sc.	*Lecturer in Nutrition*
Mrs. R. C. Waygood, B.A., R.N.	*Lecturer in Statistics*
Gertrude Yeats, Certificate, S.G.N., R.N.	*Lecturer in Supervision in Obstetric Nursing*

OTHER OFFICERS OF INSTRUCTION

FACULTY OF MEDICINE

EWEN CAMERON, M.B., C.B., M.D. — *Professor of Psychiatry*

D. S. FLEMING, B.A., M.D., C.M., D.P.H. — *Associate Professor of Bacteriology*

ALTON GOLDBLOOM, B.A., M.D., C.M., F.R.C.P. (C.) — *Professor of Pædiatrics*

C. W. MACMILLAN, M.D., C.M., D.P.H. — *Associate Professor of Health and Social Medicine*

E. G. D. MURRAY, M.A., L.M.S.S.A., F.R.S.C. — *Professor of Bacteriology and Immunity*

N. W. PHILPOTT, M.D., C.M., M.C.O.G. — *Professor of Obstetrics and Gynæcology*

BARUCH SILVERMAN, M.D., C.M., F.A.P.A. — *Associate Professor of Psychiatry*

R. P. VIVIAN, M.D. — *Professor of Health and Social Medicine*

FACULTY OF ARTS AND SCIENCE

JOHN CULLITON, M.A. — *Associate Professor of Economics*

A. B. CURRIE, M.A., Ph.D. — *Associate Professor of Education*

C. A. DAWSON, B.A., Ph.D. — *Professor of Sociology*

W. H. HATCHER, M.Sc., Ph.D., F.R.S.C. — *Professor of Chemistry*

D. O. HEBB, M.A., Ph.D. — *Professor of Psychology*

JOHN HUGHES, M.A. — *Professor of Education*

SAMUEL MADRAS, B.Sc., Ph.D. — *Lecturer in Chemistry*

CECIL P. MARTIN, M.A., M.B., Ch.B., M.Sc., D.Sc.(Dublin) — *Professor of Anatomy*

F. CAMPBELL MACINTOSH, M.A., Ph.D. — *Professor of Physiology*

DAVID L. THOMSON, B.Sc., M.A.(Aberdeen), Ph.D.(Cantab.), F.R.S.C. — *Professor of Biochemistry*

GENERAL INFORMATION

The School for Graduate Nurses of McGill University was established in 1920, and has consistently devoted its whole programme to the special preparation of well-qualified graduate nurses for positions of leadership. To improve the quality of nursing education, of nursing services, and of health education, it is obvious that an increasing number of nurses should be encouraged to fit themselves to be teachers, supervisors, and administrators in general and special fields.

The School offers courses to meet the needs of these groups. One-year programmes are available which lead to certificates in Teaching in Schools of Nursing, Administration in Schools of Nursing, Public Health Nursing, and Administration and Supervision in Public Health Nursing. Two-year programmes in the same fields, leading to the degree of Bachelor of Nursing, are also available for those who can meet the academic and professional entrance requirements, which provide opportunities for more extensive preparation. Three advanced one-year clinical nursing courses leading to a certificate are also offered: Supervision in Psychiatric Nursing, Supervision in Obstetric Nursing, and Supervision in Pædiatric Nursing. The purpose of these courses is to prepare well-qualified nurses as specialists in the several clinical fields. In addition to these full-time programmes, nurses who are in or near Montreal may register as partial students. Refresher courses are also held from time to time.

RESOURCES AND FACILITIES

Courses in advanced nursing education are provided in the School. Other courses are available through the Faculty of Arts and Science and the Faculty of Medicine (including the Department of Health and Social Medicine), as well as through other Schools and Departments on the University campus.

The School, administered by the Faculty of Medicine, is located in Beatty Memorial Hall, which provides classroom space, lunch facilities, and other amenities. An up-to-date professional library is maintained at the School under the direction of a fully qualified librarian. Students have access to other libraries in the University.

Excellent community facilities are available for the observation of nursing in all its branches and for practice in teaching, supervision, and administration, in hospitals, schools of nursing, and public health nursing fields.

The resources of the following organizations are available: the teaching hospitals for both the Faculty of Medicine and the School for Graduate Nurses—the Royal Victoria Hospital (including the Allan Memorial

Psychiatric Institute, and the Royal Victoria Montreal Maternity Hospital); the Montreal General Hospital; the Alexandra Hospital (communicable diseases); the Shriners' Hospital for Crippled Children; the Children's Memorial Hospital; the Royal Edward Laurentian Hospital (tuberculosis) with its clinics; the Verdun Protestant Hospital; the Queen Mary Veterans Hospital; Montreal Neurological Institute of McGill, as well as other hospitals in Montreal.

The official and voluntary health agencies of the city and also clinics (both public and private) afford ample opportunities for study and field experience in the various aspects of community health. These resources include the Victorian Order of Nurses; the Child Health Association; the municipal health departments of Greater Montreal; hospital out-patient departments; industrial health services; the Mental Hygiene Institute; the Family Welfare Association; nursery schools and day nurseries; child guidance clinics, and other organizations concerned with the welfare of individuals and families.

ENTRANCE REQUIREMENTS

All applicants must have completed the basic nursing course in an approved school of nursing, be registered in the province or country from which they come, and meet the requirements for the course selected.

For admission to the certificate courses candidates must have passed in the required papers of the McGill Junior School Certificate Examination or their recognized equivalents (see p. 3214 for details).

For admission to the degree courses, candidates must have passed in the required papers of the McGill Senior School Certificate Examination or their recognized equivalents (see p. 3220 for details).

TRANSFER OF CREDITS

Consideration will be given to transfer of credits for work completed in another university if an official transcript of the student's work is sent directly to the School by the officers of the institution in which the work was completed.

APPLICATION FOR ADMISSION

All applications must be made on forms which may be obtained from the School for Graduate Nurses, McGill University, and must include a photograph of passport size.

REGISTRATION

All students will register at Beatty Hall between the hours of 9 A.M. and 4 P.M. as follows:

CERTIFICATE COURSES

Students in Public Health Nursing, Supervision in Psychiatric Nursing, Supervision in Obstetric Nursing, and Supervision in Pædiatric Nursing will register on August 31st.

Students in Teaching and Administration in Schools of Nursing will register on September 14th.

Students in Administration and Supervision in Public Health Nursing will register on September 27th and 28th.

DEGREE COURSES

All students in degree courses will register on September 27th and 28th.

EXAMINATIONS

The pass mark in all examinations, in keeping with University regulations, is fifty per cent.

Results of examinations are recorded according to class, as follows: Class I, 80% to 100%; Class II, 65% to 79%; Class III, 50% to 64%.

HEALTH SERVICES

All students are required to have a medical examination by the University Health Service. There are no exceptions to this rule. Provision is made for health service to students *during the session* but not during vacations. (See *General Information* pamphlet for details.)

FEES

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

Students pay annually two fees: (1) inclusive University fee; (2) a Students' Society fee. There are no other regular fees, and the only extras are for late registration, for graduation in absentia, etc.

UNIVERSITY OF TORONTO LIBRARY

Degree Course—University fee		$260.00
Students' Society fee		15.00
If by instalments:		
First instalment	$140.00	
Second instalment	140.00	
Certificate Course—University fee		210.00
Students' Society fee		15.00
If by instalments:		
First instalment	115.00	
Second instalment	115.00	
Instalment fee		5.00
Late Payment fee		2.00

Fees are due and payable at the Accounting Office in Dawson Hall, between the hours of 9 A.M. and 4 P.M. on September 28th and 29th. A late fee of $2.00 is charged for payment after these dates. As soon as possible after the prescribed dates the Chief Accountant will send to the Director of the School a list of the registered students who have not paid their fees. The Director will thereupon suspend such students from further attendance until the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

BOARD AND RESIDENCE

There are no University residence facilities for students of the School for Graduate Nurses. Every assistance is given to students in seeking accomodation through a Rooms Registry located at the McGill Union. Application for rooms must be made in person from August 27 to October 1. The cost of board and lodging in approved rooms varies from $60.00 to $80.00 per month. Separately, good board costs from $40.00, and a room from $30.00 upwards a month.

EXPENSES

APPROXIMATE COST OF THE COURSE

University fees	$225.00 to $275.00
Books and incidentals	25.00 to 40.00
Board and lodging	700.00 to 900.00

Students registered in courses requiring a longer field work period or travel, should take this into consideration in estimating expenses.

UNIFORMS

All students are advised to have at least two white uniforms. Full white uniform is required for field experience in hospitals and for Convocation. For students in public health nursing special field uniforms are available for rental at the School. These students should bring white collars and any plain dark hat and coat. Brown or black walking shoes with low heels are required. Some public health nursing students have field work in hospitals where white uniforms are worn.

SCHOLARSHIPS

Applicants for scholarships must meet the University entrance requirements for Junior Matriculation. Preference will be given to applicants with experience in the nursing field.

1. ALEXANDRA HOSPITAL

The Board of Governors offers a scholarship in the form of full maintenance at the hospital during a year's study at the School for Graduate Nurses. Only members of the hospital nursing staff are eligible.

2. ASSOCIATION OF NURSES OF THE PROVINCE OF QUEBEC

(*a*) A scholarship of $500 is customarily offered to a member of the Association of Nurses of the Province of Quebec, whose qualifications are acceptable to McGill University. Any course offered by the School may be selected.

(*b*) District No. 11 (English Chapter) Association of Nurses of the Province of Quebec offers a scholarship of $500 to a member of the Chapter, whose qualifications are acceptable to the University.

3. CHILDREN'S MEMORIAL HOSPITAL SCHOOL OF NURSING

The Board of Governors offers a scholarship in the form of maintenance at the hospital during one year's study at the School for Graduate Nurses.

4. MONTREAL GENERAL HOSPITAL SCHOOL OF NURSING

The Mildred Hope Forbes Memorial Scholarship Fund provides annual scholarships to graduates of the Montreal General Hospital School of Nursing for graduate work in nursing at a Canadian university.

5. ROYAL VICTORIA HOSPITAL SCHOOL OF NURSING

(*a*) The Mabel F. Hersey Scholarship is given annually by the Board of Governors for a year of post-graduate study at the School for Graduate Nurses, McGill University.

LIBRARY

(*b*) The Emma Thomas Scholarship is offered annually for post-graduate study.

(*c*) The Ida McGregor Scholarship is offered annually for post-graduate study.

6. VICTORIAN ORDER OF NURSES FOR CANADA

The Victorian Order of Nurses for Canada offers scholarships of $750 to nurses to assist them in taking post-graduate preparation in Public Health Nursing. The recipients are obligated following their course to work one year for the Victorian Order in the area where their services are most urgently needed.

7. THE HOMŒOPATHIC HOSPITAL OF MONTREAL

The Alumnæ Association of the Homœopathic Hospital School of Nursing offers to its members a scholarship of $300.00 for one year's study in Teaching in Schools of Nursing at the School for Graduate Nurses. In addition, consideration for maintenance would be given by the Hospital on application.

8. HERBERT REDDY MEMORIAL HOSPITAL

The Board of Trustees offers a scholarship for a year's study at the School for Graduate Nurses. Only graduates of the School of Nursing in connection with the Hospital are eligible.

W. K. KELLOGG FOUNDATION LOAN FUND

Through the generosity of the Foundation, this fund has been established to assist graduate nurses who cannot otherwise meet the expenses of a course of study at the School. For further particulars applicants should consult the Director of the School for Graduate Nurses.

BURSARIES

GOVERNMENT BURSARIES

A limited number of bursaries are made available through the School, by the Province of Quebec, for nurses who wish to remain in the province.

ONE YEAR CERTIFICATE COURSES

TEACHING IN SCHOOLS OF NURSING
PUBLIC HEALTH NURSING
SUPERVISION IN PSYCHIATRIC NURSING
SUPERVISION IN OBSTETRIC NURSING
SUPERVISION IN PÆDIATRIC NURSING
ADMINISTRATION IN SCHOOLS OF NURSING
ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

Certain subjects taken in Certificate Courses can be credited towards a degree in nursing. (*See p.* 3220.)

ENTRANCE REQUIREMENTS

1. MCGILL JUNIOR MATRICULATION

Candidates must have passed with satisfactory standing in the required papers of the McGill Junior School Certificate examination or their recognized equivalents. The number of subjects or papers to be taken in any such examination is the number normally required to obtain Junior Matriculation standing in the Faculty of Arts and Science.

The compulsory subjects are English, History, Algebra or Advanced Arithmetic, and Chemistry or Biology. Chemistry and Biology should *both* be taken if possible. The other subjects of the examination are entirely optional.

The Faculty of Arts and Science will admit a graduate of the School to the first year of any of its courses with this matriculation if the student is specially recommended by the School for Graduate Nurses.

2. NURSING PREPARATION AND EXPERIENCE

Applicants must present evidence of the satisfactory completion of the basic nursing course in an approved school of nursing. They must also present evidence of satisfactory experience in nursing following the completion of the basic nursing course.

3. HEALTH

A certificate of medical examination must be submitted as required by the University, and of successful vaccination within seven years or of insusceptibility to vaccine within five years, in accordance with provincial health regulations.

TEACHING IN SCHOOLS OF NURSING

This course prepares qualified nurses for positions as classroom instructors in schools of nursing and as head nurses. A period of at least one year of

satisfactory experience in nursing following completion of the basic nursing course is considered a prerequisite. Field experience will be adjusted to meet individual needs.

REQUIRED COURSES

* SOCIOLOGY 21A
* CHEMISTRY 60
* PHYSIOLOGY 21
NC-2. MENTAL HEALTH
NC-20. PUBLIC HEALTH
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-1. TEACHING IN SCHOOLS OF NURSING
NA-10. WARD MANAGEMENT AND TEACHING
NG-2. SOCIAL ASPECTS OF NURSING

PUBLIC HEALTH NURSING

This course of ten months prepares qualified nurses for staff positions in public health nursing organizations. A period of at least one year of satisfactory experience in nursing, following completion of the basic nursing course, is considered a prerequisite.

Field experience under supervision is an integral part of the course, Public Health Nursing. The requirement for students without previous public health nursing experience is twelve weeks. This requirement is adjusted to meet individual needs, and students are not expected to repeat experience which has been gained under adequate supervision. (See p. 3228 for details.)

REQUIRED COURSES

* SOCIOLOGY 21A
NC-5. BACTERIOLOGY
NC-2. MENTAL HEALTH
NC-21. PUBLIC HEALTH
NC-4. NUTRITION
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NG-2. SOCIAL ASPECTS OF NURSING
NC-3. CHILD GROWTH AND DEVELOPMENT
NS-20. PUBLIC HEALTH NURSING
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-20. TEACHING IN PUBLIC HEALTH NURSING

* Faculty of Arts and Science.

CERTIFICATE IN SUPERVISION IN PSYCHIATRIC NURSING

This course is for ten months and is planned to prepare nurses who have the required qualifications to assume more responsible positions in the psychiatric field. To meet the growing demands which the expansion of services has created, a very broad interpretation is given, with considerable emphasis on community aspects. Special experience is planned so that the student may broaden her knowledge in her selected area of service, whether it is in the hospital in supervisory, teaching, or administrative positions, or in a community agency.

Applicants must have had at least two years of satisfactory experience in nursing following completion of the basic nursing course, of which one year has been spent in psychiatric nursing.

The course includes lectures and related clinical experience, conferences, demonstrations.

The month of September is devoted to observation and supervised practice; from October to April inclusive, lectures in the University are correlated with a planned clinical programme. The course is concluded by two months of concentrated field experience.

REQUIRED COURSES

* PSYCHOLOGY 21

* SOCIOLOGY 21A

NC-2. MENTAL HEALTH

NG-2. SOCIAL ASPECTS OF NURSING

NC-3. CHILD GROWTH AND DEVELOPMENT

NC-20. PUBLIC HEALTH

NG-1. TRENDS AND DEVELOPMENTS IN NURSING

NC-1. PRINCIPLES OF LEARNING AND TEACHING

NE-1. TEACHING IN SCHOOLS OF NURSING

NA-10. WARD MANAGEMENT AND TEACHING

NA-11. NURSING SUPERVISION

NS-61. PSYCHIATRY

NS-60. PSYCHIATRIC NURSING

CERTIFICATE IN SUPERVISION IN OBSTETRIC NURSING

This course covers ten months and is planned to prepare nurses with the required qualifications to assume supervisory responsibilities in obstetric nursing service and in the development of the educational programme for undergraduate and graduate nurses.

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* Faculty of Arts and Science.

Applicants must have had at least two years of satisfactory experience in nursing following completion of the basic nursing course, of which one year has been spent in obstetric nursing.

The course includes lectures and related clinical experience, conferences, demonstrations, and special studies.

The month of September is devoted to observation and supervised practice; from October to April inclusive, lectures in the University are correlated with a planned clinical programme. The course is concluded by two months of concentrated field experience.

REQUIRED COURSES

* SOCIOLOGY 21A
NC-5. BACTERIOLOGY
NC-2. MENTAL HEALTH
NG-2. SOCIAL ASPECTS OF NURSING
NC-3. CHILD GROWTH AND DEVELOPMENT
NC-20. PUBLIC HEALTH
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-1. TEACHING IN SCHOOLS OF NURSING
NA-10. WARD MANAGEMENT AND TEACHING
NA-11. NURSING SUPERVISION
NS-41. OBSTETRICS
NS-40. OBSTETRIC NURSING

CERTIFICATE IN SUPERVISION IN PAEDIATRIC NURSING

This course covers ten months, and is planned to prepare nurses with the required qualifications to assume teaching and supervisory responsibilities in improving the scope and quality of pædiatric nursing care and in the development of an effective clinical teaching programme.

Applicants must have had at least two years of nursing experience since their graduation, of which one year has been spent in pædiatric nursing. The course includes lectures, clinics, and conferences, closely correlated with carefully selected nursing experience in hospital and community health organizations, as well as various institutions which provide special care for children.

The month of September is devoted to observation and supervised practice. The University term consists of study and field experience. Two months of advanced experience is provided at the end of the course, in which the student assumes teaching and supervisory responsibilities.

* Faculty of Arts and Science.

REQUIRED COURSES

* PSYCHOLOGY 21
NC-2. MENTAL HEALTH
NS-52. SOCIAL ASPECTS OF CHILD CARE
NC-3. CHILD GROWTH AND DEVELOPMENT
NC-20. PUBLIC HEALTH
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NS-51. PÆDIATRICS
NS-50. PÆDIATRIC NURSING
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-1. TEACHING IN SCHOOLS OF NURSING
NA-10. WARD MANAGEMENT AND TEACHING.
NA-11. NURSING SUPERVISION

CERTIFICATE IN ADMINISTRATION IN SCHOOLS OF NURSING

This course prepares qualified nurses to direct schools of nursing and nursing service in hospitals. Applicants for the course must show evidence of a satisfactory record of two or more years in an executive position. The course Teaching in Schools of Nursing or the equivalent, followed by satisfactory experience would provide the most desirable background for this advanced course. Field experience will be adjusted to meet individual needs.

REQUIRED COURSES

* SOCIOLOGY 21A
* ECONOMICS 211G
NC-11. SCIENTIFIC MANAGEMENT
NC-23. STATISTICS
NC-10. HOSPITAL ADMINISTRATION
NC-2. MENTAL HEALTH
NC-20. PUBLIC HEALTH
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NA-10. WARD MANAGEMENT AND TEACHING
NA-11. NURSING SUPERVISION
NA-1. ADMINISTRATION IN SCHOOLS OF NURSING

* Faculty of Arts and Science.

CERTIFICATE IN ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

This course prepares qualified nurses as supervisors and directors in public health nursing organizations.

The course Public Health Nursing or its equivalent, and at least two years of satisfactory experience in the field following the completion of a basic course in public health nursing, are prerequisites. Field experience will be adjusted to meet individual needs.

REQUIRED COURSES

* SOCIOLOGY 34a, or 31b

* ECONOMICS 211G

NC-11. SCIENTIFIC MANAGEMENT

NC-23. STATISTICS

NC-22. ADMINISTRATION IN PUBLIC HEALTH

NG-1. TRENDS AND DEVELOPMENTS IN NURSING

NA-20. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

NA-23. PROBLEMS IN SUPERVISION IN PUBLIC HEALTH NURSING

* Faculty of Arts and Science.

COURSES REQUIRED FOR THE DEGREE OF BACHELOR OF NURSING

To keep pace with the increasing demands made upon professional nursing it is essential that a sufficient number of nurses who meet the academic, personal, and professional requirements be encouraged to undertake a broader preparation for leadership than can be provided in a one-year programme.

A carefully planned two-year course is offered for this group. In the first year, students take a general course of selected subjects in the Faculty of Arts and Science, in the Faculty of Medicine, and in the professional field. The second year programme includes nursing and allied subjects, closely correlated with observation and practice, and provides opportunity for specialization in the following fields:

TEACHING AND SUPERVISION IN SCHOOLS OF NURSING

PUBLIC HEALTH NURSING

ADMINISTRATION IN SCHOOLS OF NURSING

ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

Certain subjects taken in Certificate Courses can be credited towards a degree.

ENTRANCE REQUIREMENTS

1. McGILL SENIOR MATRICULATION

Candidates must have passed with satisfactory standing in the required papers of the McGill Senior School Certificate examinations or their recognized equivalents. The required subjects are English, Chemistry, and any three of the following: History, Biology, French, German, Spanish, Latin, Mathematics, Physics.

2. NURSING PREPARATION AND EXPERIENCE

(a) All applicants must present evidence of the completion of the basic nursing course in an approved school of nursing with a creditable record in theory and practice. All applicants must be registered in the province from which they come.

(b) At least one year of satisfactory experience for specialization in Teaching and Supervision in Schools of Nursing, or in Public Health Nursing. At least three years of experience in which executive ability

has been demonstrated, for specialization in Administration in Schools of Nursing, or in Administration and Supervision in Public Health Nursing. A basic course in public health nursing is a prerequisite for the course in Administration and Supervision in Public Health Nursing.

3. HEALTH

A certificate of medical examination must be submitted as required by the University, and of successful vaccination within seven years or of insusceptibility to vaccine within five years, in accordance with provincial health regulations.

BACHELOR OF NURSING (Teaching and Supervision in Schools of Nursing)

REQUIRED COURSES

FIRST YEAR

* PSYCHOLOGY 21
* SOCIOLOGY 21A
NC-7. CHEMISTRY
NC-2. MENTAL HEALTH
NC-4. NUTRITION
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-2. TEACHING AND SUPERVISION IN SCHOOLS OF NURSING
NA-10. WARD MANAGEMENT AND TEACHING
NA-11. NURSING SUPERVISION

SECOND YEAR

* EDUCATION 1
* PHYSIOLOGY 21
NC-5. BACTERIOLOGY
NC-6. BACTERIOLOGY
NC-20. PUBLIC HEALTH
NC-24. SOCIAL MEDICINE
NG-2. SOCIAL ASPECTS OF NURSING
NE-4. PROBLEMS IN TEACHING AND SUPERVISION
NE-3. TEACHING AND SUPERVISION IN SCHOOLS OF NURSING

* Faculty of Arts and Science.

BACHELOR OF NURSING (Public Health Nursing)

REQUIRED COURSES

FIRST YEAR

* SOCIOLOGY 21A
NC-7. CHEMISTRY
NC-21. PUBLIC HEALTH
NC-3. CHILD GROWTH AND DEVELOPMENT
NC-4. NUTRITION
NG-2. SOCIAL ASPECTS OF NURSING
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NS-21. PUBLIC HEALTH NURSING
NC-2. MENTAL HEALTH
NC-1. PRINCIPLES OF LEARNING AND TEACHING
NE-20. TEACHING IN PUBLIC HEALTH NURSING

SECOND YEAR

* EDUCATION 1
* PSYCHOLOGY 21
* PHYSIOLOGY 21
NC-5. BACTERIOLOGY
NC-6. BACTERIOLOGY
NC-24. SOCIAL MEDICINE
NS-22. PUBLIC HEALTH NURSING

BACHELOR OF NURSING (Administration in Schools of Nursing)

REQUIRED COURSES

FIRST YEAR

* ECONOMICS 211G
* PSYCHOLOGY 21
* SOCIOLOGY 21A
NC-20. PUBLIC HEALTH
NC-2. MENTAL HEALTH
NC-23. STATISTICS
NG-1. TRENDS AND DEVELOPMENTS IN NURSING
NA-2. ADMINISTRATION IN SCHOOLS OF NURSING
NA-10. WARD MANAGEMENT AND TEACHING
NA-11. NURSING SUPERVISION

* Faculty of Arts and Science.

SECOND YEAR

* EDUCATION 1

NC-4. NUTRITION

NC-24. SOCIAL MEDICINE

NC-5. BACTERIOLOGY

NC-6. BACTERIOLOGY

NC-11. SCIENTIFIC MANAGEMENT

NC-10. HOSPITAL ADMINISTRATION

NA-3. ADMINISTRATION IN SCHOOLS OF NURSING

NA-4. PROBLEMS IN SCHOOL OF NURSING ADMINISTRATION

BACHELOR OF NURSING
(Administration and Supervision in Public Health Nursing)

REQUIRED COURSES

FIRST YEAR

* ECONOMICS 211G

* PSYCHOLOGY 21

NC-22. ADMINISTRATION IN PUBLIC HEALTH

NC-2. MENTAL HEALTH

NC-23. STATISTICS

NC-11. SCIENTIFIC MANAGEMENT

NG-1. TRENDS AND DEVELOPMENTS IN NURSING

NA-21. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

SECOND YEAR

* EDUCATION 1

* SOCIOLOGY 34a or 31b

NC-6. BACTERIOLOGY

NC-24. SOCIAL MEDICINE

NA-22. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

NA-23. PROBLEMS IN SUPERVISION IN PUBLIC HEALTH NURSING

* Faculty of Arts and Science.

DESCRIPTION OF COURSES

NURSING—GENERAL

NG-1. TRENDS AND DEVELOPMENTS IN NURSING

Nursing today; brief review of the growth of professional nursing; surveys and reports; the professional school of nursing; emphasis on health and social factors; present trends, including organization, economic factors, legislation; nursing as a community service.

Two hours, two terms. *To be appointed*

NG-2. SOCIAL ASPECTS OF NURSING

The inter-personal and environmental needs of individuals, as they are encountered in nursing situations.

Two hours, second term. *Caroline H. Elledge*

NURSING—EDUCATION

NE-1. TEACHING IN SCHOOLS OF NURSING

Principles of curriculum construction; sound organization and administration of the educational programme; essential content for basic nursing education; integration of theory and practice; application of modern methods of teaching; methods of evaluation.

One hour first term,
two hours second term. *To be appointed*

Field Experience Three weeks

During the month of September provision is made for preliminary observation in local hospitals. After examinations in May a short period of special field experience is arranged to meet individual needs.

NE-2. TEACHING AND SUPERVISION IN SCHOOLS OF NURSING

School of nursing curricula, aim and content; comparative study of basic programmes; methods of teaching, planning of instruction, methods of evaluation.

One hour first term, two hours second term. *To be appointed*

Field Experience Two months

Two months of field experience are planned following examinations in April.

NE-3. TEACHING AND SUPERVISION IN SCHOOLS OF NURSING

Administration of the educational programme under hospital and university administration; integration of theory and practice; health and preventive aspects of nursing education.

Two hours, first term. *To be appointed*

Field Experience Two months

Two months of field experience are planned following examinations in April.

NE-4. PROBLEMS IN TEACHING AND SUPERVISION

Special study of the more important problems of nursing service and nursing education; maintaining good standards of nursing care and nursing education, evaluation and revision of procedures, staffing, staff education, the ward teaching programme; guidance and counselling, evaluation of students and their work; a critical analysis of basic programme, purpose, and content of advanced nursing courses.

Two hours, second term. *To be appointed*

NE-20. TEACHING IN PUBLIC HEALTH NURSING

Opportunities and responsibilities of the public health nurse for health teaching; determining health education needs; the family as the unit of instruction; criteria for selection of teaching aids; use of newspaper, radio, and films; evaluation of programme.

Three hours and conferences, second term.

Ann Peverley and Margaret Holder

Field Experience

Observation and practice; assignments and conferences during the term and during field work.

NURSING — ADMINISTRATION

NA-1. ADMINISTRATION IN SCHOOLS OF NURSING

Organization and administration of the school of nursing; essentials of an approved school of nursing; control by hospital or university; school of nursing committee; school budget; staff, students, dual responsibilities of superintendent of nurses, administration of educational facilities, working and living conditions, health service, records, educational programme, guidance.

Two hours, two terms. *To be appointed*

Field Experience One month

Observation and practice a minimum of one month in addition to planned visits and conferences during the term.

NA-2. ADMINISTRATION IN SCHOOLS OF NURSING

Evolution of schools of nursing; factors affecting present day administration; hospital and school relationships; the dual role of the superintendent of nurses; essentials of a good school; essentials of hospital nursing service; standards.

Two hours, two terms. *To be appointed*

Field Experience One month

One month of field experience is planned following examinations in April.

NA-3. ADMINISTRATION IN SCHOOLS OF NURSING

Principles of organization and administration; personnel administration; staff education; student selection, health service, guidance, evaluation; administration of curriculum; school budget; records; accrediting; control by universities of undergraduate and graduate courses.

Two hours, two terms. *To be appointed*

Field Experience Two months

Two months of administrative field experience are planned at the end of the second year.

NA-4. PROBLEMS IN SCHOOL OF NURSING ADMINISTRATION

Demands of the nursing service and of nursing education; personnel selection, relationships and morale, status and responsibilities, staff education and management; student selection, rotation, assignments, evaluation and guidance, living and working conditions, health service; staff and student records.

Two hours, second term. *To be appointed*

NA-10. WARD MANAGEMENT AND TEACHING

Principles of management applied to nursing service and nursing education; nursing personnel, qualifications, responsibilities, relationships; staff education; ward teaching programme; rotation; ward assignments; methods of evaluation; records.

Two hours, first term. *To be appointed*

NA-11. NURSING SUPERVISION

The need for supervision in relation to nursing service and nursing education; the clinical supervisor, qualification, responsibilities and relationships; staff education; the supervisory programme; principles of supervision; evaluation of supervision.

Two hours, second term. *Elizabeth Logan*

NA-20. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

Application of principles of organization and administration to field of public health nursing; trends and policies in official and voluntary organizations; organization, finance, budget; personnel selection and management; supervision; staff and student education; relationships; administration of rural and urban programmes.

Three hours, two terms. *Ann Peverley and special lecturers*

Field Experience One month

Observation of methods and content of supervision followed by conference and discussion during the session; one month practice in administration and supervision in the field.

NA-21. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

Trends and developments in official and voluntary health services; implications for public health nursing; principles of organization and administration and application to public health nursing; programme planning; principles and methods of supervision.

Three hours, two terms. *Ann Peverley and special lecturers*

Field Experience One month

Observation of methods and content of supervision followed by conference and discussion during the session; one month practice in administration and supervision in the field.

NA-22. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

Administration in public health nursing; organization and control; board and committees; finance, budget, purchasing; office management; personnel policies, selection, training, and management; supervisory programmes; staff education; student programmes; evaluation; interpretation; volunteers; relationships.

Three hours, two terms. *Ann Peverley and special lecturers*

Field Experience Two months

Two months of administrative experience under supervision.

NA-23. PROBLEMS IN SUPERVISION IN PUBLIC HEALTH NURSING

Study of the more important problems of service and education in the public health nursing field; maintenance of standards; balancing the programme; supervision in office and field; records; evaluation; supervisory reports; relationships.

Two hours, two terms. *Ann Peverley*

NURSING—SPECIALTIES

NS-20. PUBLIC HEALTH NURSING

Scope of public health nursing today; trends, objectives, principles, functions, and methods, with emphasis on family health; records and statistics; application of principles and methods to development of urban and rural nursing services; maternal, infant, pre-school, school, industrial, and morbidity programmes; planning and evaluating public health nursing services.

Three hours, two terms. *Margaret Holder*

Field Experience

(*a*) Four weeks of preliminary field experience in September.

(*b*) Field trips to health and social agencies throughout the session.

(*c*) One day each week in the field during the session, to the extent of two weeks of experience.

(*d*) Six weeks of supervised practice in May and June.

NS-21. PUBLIC HEALTH NURSING

Scope of public health nursing today; development and trends; objectives, principles, functions, and methods, with emphasis on family health service; records and statistics; community nursing needs.

Three hours, two terms. *Ann Peverley and Margaret Holder*

Field Experience Two months

Throughout the course field visits are made to health and social agencies in the community.

NS-22. PUBLIC HEALTH NURSING

Application of principles and methods in development of adequate programmes for maternal, infant, pre-school, school, industrial, communicable disease, and morbidity services; planning and evaluating public health nursing services in rural and urban areas; organization of public health nursing programmes in Canada.

Three hours, two terms. *Ann Peverley and special lecturers*

Field Experience Two months

Throughout the course field visits are made to health and social agencies in the community.

NS-40. OBSTETRIC NURSING

Essential nursing care, specific procedures in obstetric nursing from the point of view of administration and teaching.

One hour and conference, two terms.

Caroline V. Barrett and Gertrude L. Yeats

Field Experience Three months

NS-41. OBSTETRICS

The lectures and tutorials cover in detail: the physiology of reproduction and pregnancy; antenatal care; abnormalities of pregnancy, labour, and puerperium; care of the newborn.

Students also attend demonstrations, clinics, and ward rounds on obstetric patients.

One hour, two terms. *Professors N. W. Philpott and G. A. Simpson*

NS-50. PÆDIATRIC NURSING

Study and application of nursing methods and techniques in relation to the care of sick children with emphasis on their normal growth, development, and state of health.

One hour and conference, second term.

Elizabeth Logan and Madeline Flander

Field Experience Three months

NS-51. PÆDIATRICS

Lectures, conferences, and clinics to provide for the student in Pædiatric Nursing an understanding of the diseases of children and the newer methods of treatment.

Two hours, second term. *Professor Alton Goldbloom*

NS-52. SOCIAL ASPECTS OF CHILD CARE

The general course in Social Aspects of Nursing, taken concurrently with seminars devoted to the study and discussion of the needs of individual sick children.

Two hours and conferences, second term.

Caroline H. Elledge and Elizabeth Logan

NS-60. PSYCHIATRIC NURSING

Nursing care based upon interpretation of the behaviour of patients and the underlying dynamics of behaviour; a consideration of social problems associated with mental illness; community facilities dealing with these problems; consideration of the factors in preventive psychiatry; educational programme—professional, auxiliary, and student personnel; application of principles of supervision and administration to psychiatric nursing.

Two hours and conference, two terms.

Elsie C. Ogilvie and Kathleen Marshall

Field Experience Three months

NS-61. PSYCHIATRY

Psychoneuroses and behavioural problems generally; the relationship of deviations in human behaviour to social situations, the importance of

hereditary factors, motivations, incentives, and the part played by emotional factors in the production of personality difficulties.

One hour, two terms *Professor Ewen Cameron and Staff*

NURSING—COGNATE COURSES

NC-1. PRINCIPLES OF LEARNING AND TEACHING

Psychological principles of learning and teaching. Teaching aims and methods; selection and organization of subject matter to meet specific needs; preparation for effective teaching; evaluation of teaching.

Three hours, first term. *To be appointed*

NC-2. MENTAL HEALTH

A study of the nature of human behaviour, the basic principles of mental health and the intellectual, emotional, physical, and social factors involved in personality maladjustments and mental disorders.

Two hours, first term. *Professor Baruch Silverman and special lecturers*

NC-3. CHILD GROWTH AND DEVELOPMENT

Present day concepts of normal growth and development of the child from infancy through adolescence; to provide a basis for anticipatory guidance, for recognition of physical and mental deviation and for effective planning of administration and teaching for child care; concurrent observation in nursery schools, schools and settlement houses.

Two hours, first term. *Elizabeth Logan and special lecturers*

NC-4. NUTRITION

Newer knowledge of nutrition with emphasis on normal feeding of individuals and families; planning of meals at various income levels; the budgeting of food money.

Two hours, two terms. *Marian A. Wall*

NC-5. BACTERIOLOGY (Bacteriology 8 in Faculty of Medicine)

An introductory course in Bacteriology and Immunology dealing with fundamental principles and their application to the study of sources and modes of infection, methods of diagnosis and prevention, and the place of this knowledge in nursing. No attempt is made to carry out an elaborate study of pathogenic bacteria nor to acquire bacteriological techniques. The laboratory periods provide an opportunity for demonstration of material discussed in the lecture periods.

Four hours, first term *Dr. Frances H. Prissick*

(22 lectures and 20 hours of practical work).

NC-6. BACTERIOLOGY (Bacteriology 10 in the Faculty of Medicine)

A series of 13 two-hour seminars offered to candidates taking the Degree Course who have successfully completed Bacteriology 8. The content of the course is restricted to applications of Bacteriology and Immunology to the various fields of nursing. It is an attempt to discuss in a practical manner the contributions which these sciences can offer to the solution of problems raised in the attempt to prevent, diagnose, and control infectious diseases.

Two hours, second term.

Professors E. G. D. Murray, J. W. Stevenson, and G. G. Kalz

NC-7. CHEMISTRY (Chemistry 72a in the Faculty of Arts and Science)

The application of the principles of inorganic and organic chemistry to the general problems connected with living cells and their functions.

Three hours and laboratory, one term. *Dr. Samuel Madras*

NC-10. HOSPITAL ADMINISTRATION

Principles of organization and administration applied to the hospital; committees, finance, purchasing, maintenance, housekeeping, personnel, medical and nursing services, administration of departments, health service; the school of nursing in the hospital.

Two hours and conference, second term.

Dr. B. S. Johnston, Dr. J. Gilbert Turner, and Elsie C. Ogilvie

NC-11. SCIENTIFIC MANAGEMENT

Principles of organization and administration; administrative control, policies and procedures, finance, public relations; personnel qualifications, selection, training and placement, salaries, promotions, working conditions, welfare programmes, relationships, personnel records.

Two hours, first term. *Professor James A. Coote*

NC-20. PUBLIC HEALTH

Brief survey of the development and present status of public health in Canada and other countries; policy and function of national, provincial and local health departments; role of the voluntary agency; legislation affecting health; vital statistics; epidemiology.

Two hours, first term. *Professor C. W. MacMillan*

NC-21. PUBLIC HEALTH

Brief survey of the development and present status of public health in Canada and other countries; policy and function of national, provincial, and local health departments; role of the voluntary agency; legislation

affecting health; vital statistics; epidemiology; planning community health programmes, rural and urban; adequate maternal, infant, pre-school, school, and industrial health services; evaluation of health services.

Two hours, two terms. *Professor C. W. MacMillan*

NC-22. ADMINISTRATION IN PUBLIC HEALTH

General principles underlying health organization and administration; trends and policies; role of official and voluntary agencies; health legislation; vital statistics; present day epidemiological practice; programme planning; evaluation of public health services, health surveys.

Two hours, first term. *Professors R. P. Vivian and C. W. MacMillan*

NC-23. STATISTICS

Description and definition of basic concepts and of statistical materials; tables and graphs; Canadian population statistics; statistics of medical services and methods of estimating requirements; analysis of rates, ratios, and trends of Canadian vital statistics; principles of a statistical study.

Two hours, second term.

Professor C. W. MacMillan and Mrs. R. C. Waygood

NC-24. SOCIAL MEDICINE

Fundamentals of medical science in general and special fields, including recent knowledge as to cause, treatment, and prevention of disease; promotion of individual and public health.

Two hours, second term. *Professor R. P. Vivian and special lecturers*

COURSES GIVEN IN OTHER FACULTIES

CHEMISTRY 60. The Chemistry of Daily Life.

For students in Arts, the School for Graduate Nurses, and others who wish to gain an insight into the importance of chemistry. No previous knowledge of the subject is required. Demonstrations take the place of formal laboratory operations. Major branches of chemistry discussed are Inorganic, Organic, and Food.

Two hours, two terms. *Professor W. H. Hatcher*

Text: Hatcher, *An Introduction to Chemical Science*, 2nd edition (Wiley).

ECONOMICS 211G. Elements of Political Economy.

Production, distribution, and exchange of goods; money and banking; prices, international trade, and foreign exchange; labour and trade unions; related topics.

Three hours, two terms. *Professor John Culliton*

LIBRARY

EDUCATION 1

General principles.

Three hours, two terms. *Professors John Hughes and A. C. Currie*

PHYSIOLOGY 21. Human Biology

A concise account of the structure and functions of the human body, given jointly by the Departments of Anatomy, Biochemistry, and Physiology.

Three hours.

Professors Cecil P. Martin, David L. Thomson, and F. C. MacIntosh

Texts: Best & Taylor, *The Living Body.*

PSYCHOLOGY 21. Introduction to Psychology

A biologically oriented outline of the modern approach to psychology.

Two hours and *Professor D. O. Hebb*
One weekly conference, two terms.

Text: Munn, *Psychology* (Houghton Mifflin).

SOCIOLOGY 21A. Introduction to Sociology

Three hours, two terms. *Professor C. A. Dawson*

SOCIOLOGY 31b. Complex Social Structures

Analysis of organized groups in a complex social structure; classification of institutions; theory of institutional statuses and roles; individual career lines; case study of the professions.

Three hours, second term. *Professor Oswald Hall*

SOCIOLOGY 34a. The Family

Traditional backgrounds of the modern Canadian family; institutionalized structures and functions of contemporary families; social psychology of familial interaction.

Three hours, first term. *Professor Aileen D. Ross*

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1951-1952

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:—

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

TABLE OF CONTENTS

	PAGE
Calendar	3304
Administrative Officers of the University	3305
Staff of the School	3306
Sessional Instructors in Field Work	3307
Centres for Field Instruction	3308
General Information	3311
Resources and Equipment	3312
Degrees	3313
Admission Requirements	3313
Advanced Standing	3314
Application and Registration	3314
Plan of Study	3315
Fees	3316
Bursaries and Loans	3317
Description of Courses	3317
Extension Courses	3323

CALENDAR FOR 1951 - 1952

1951

September 26th, Wednesday. Registration of part-time students.

September 27th, Thursday. Registration of full-time students.

September 28th, Friday. Instruction begins.

December 19th, Wednesday. Last day of lectures and field work before Christmas.

1952

January 3rd, Thursday. Lectures resumed.

January 18th, Friday. First term ends.

January 23rd-25th, Wednesday-Friday. Examinations.

January 28th, Monday. Second term begins.

May 2nd, Friday. Last day of lectures.

May 7th, Wednesday. Examinations begin.

May 12th, Monday. Full time field work (1st year) and full time research (2nd year) begin.

June 20th, Friday. Second term ends.

ADMINISTRATIVE OFFICERS

F. Cyril James, B.Com., M.A., Ph.D., D.Sc., D.C.L., LL.D., D. de l'U., F.R.S.C., Chevalier de la Légion d'Honneur — *Principal*

John J. O'Neill, M.Sc., Ph.D., F.G.S.A., F.R.S.C. — *Vice-Principal*

H. N. Fieldhouse, M.A., F.R.S.C.
Dean of McGill College (Faculty of Arts and Science)

John J. O. Moore, M.A., Ed.D. — *Director of the School of Social Work*

S. H. Dobell, D.S.O. — *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A., A.C.I.S. — *Bursar*

T. H. Matthews, M.A. — *Registrar*

G. A. Grimson, B.Com. — *Chief Accountant*

SCHOOL OF SOCIAL WORK OFFICE
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STAFF OF THE SCHOOL OF SOCIAL WORK

DOROTHY AIKIN, B.A., Diploma, Montreal School of Social Work, M.A., School of Social Service Administration, University of Chicago
Assistant Professor of Social Work and General Supervisor of Field Work

FRANCES F. ANDERSON, M.S.S., Smith College School of Social Work
Assistant Supervisor in Research

J. O. W. BRABANDER, M.D., C.M. *Lecturer in Medicine*

FRITZ BRANDTNER *Special Lecturer in Group Work Skills*

FRANK R. BREUL, B.A., M.A., School of Social Service Administration, University of Chicago *Special Lecturer in Public Welfare*

FLORENCE M. CHRISTIE, B.A., Diploma, School of Social Work, University of Toronto, M.A., School of Social Service Administration, University of Chicago *Supervisor of Field Work Unit*

GRACE CROOKS, Director, Montreal Children's Library
Special Lecturer in Group Work Skills

CAROLINE H. ELLEDGE, Ph.B., M.A., School of Social Service Administration, University of Chicago
Associate Professor of Social Work and Supervisor of Field Work in Medical Social Work

ELLIOTT EMANUEL, B.M., B.Ch. *Demonstrator in Psychiatry*

DOROTHY FREEMAN, B.A., Diploma, McGill School for Social Workers
Supervisor of Field Work Unit

GLADYS L. FULFORD, M.A., Diploma, McGill School for Social Workers
Special Lecturer in Public Welfare

MARGARET GRIFFITHS, B.A., Diploma, School of Social Work, University of Toronto *Supervisor of Field Work Unit*

GWYNETH HOWELL, B.A., Assistant Executive Director, Montreal Council of Social Agencies
Special Lecturer in Administration of Social Agencies

DONALD B. HURWITZ, B.A., M.S., Western Reserve University
Special Lecturer in Community Organization

LUCILLE IRVINE, M.A., McGill University
Assistant Supervisor in Research

BARBARA E. JUDKINS, B.A., M.S., New York School of Social Work, Columbia University
Assistant Professor of Social Work and Supervisor of Field Work in Psychiatric Social Work

J. K. Mergler, B.A., B.C.L. *Special Lecturer in Law*

John J. O. Moore, M.A., Ed.D.
Professor of Social Work and Director of the School

Genevieve Pembroke, Chairman, Division of Voluntary Services, Canadian Welfare Council, Ottawa *Lecturer in Public Relations*

Miquel Prados Y Such, M.D. *Associate Professor of Psychiatry*

Filmore Sadler, Director, Brae Manor Theatre, Knowlton
Special Lecturer in Group Work Skills

F. R. Scott, B.A., B.Litt., B.C.L. *Professor of Civil Law*

Joan M. Smith, B.A., M.S.W., School of Social Work, McGill University
Supervisor of Field Work Unit

Karl Stern, M.D. *Assistant Professor of Psychiatry*

Mary Stevenson, B.A. Diploma, School of Social Work, University of Toronto *Supervisor of Field Work Unit*

Charles H. Young, M.A., New York School of Social Work, Executive Director, Montreal Welfare Federation and Council of Social Agencies *Special Lecturer in Community Organization*

Eva R. Younge, M.A. *Assistant Professor of Social Work, and Director of Research*

Anne B. Zaloha, M.A. School of Social Service Administration, University of Chicago *Assistant Professor of Social Work and Supervisor of Field Work in Group Work*

SESSIONAL INSTRUCTORS IN FIELD WORK

Miss Jean A. Alderwood, B.A.
Miss Margaret Boyd, B.A.
Miss Gretna L. Brown, M.A.(Soc.Wk.)
Mr. Stanley A. Clyke, B.S.W.
Miss Mary W. Currie, B.A.
Mrs. Jay Fraser, B.A.
Mr. Ralph Garber, B.S.W.
Miss Eileen Griffin, B.A.
Miss A. Henrietta Harvie
Mrs. Christina Goodwin James
Mrs. Marion G. Jewett, M.S.W.
Miss Constance Lethbridge, R.N.
Mrs. Elizabeth MacDonald, M.S.
Miss Dorothy E. May, B.A.
Miss Patricia Morrison, B.S.W.
Miss Minda Posen, M.S.W.
Mr. Arthur Rotman, M.S.(Soc.Admin.)
Mr. Arthur F. Seville, B.Sc.
Mrs. Joy R. Smith, M.S.W.
Mrs. Esther Spector, M.S.W.
Mrs. Pearl Switzer, B.S.W.
Miss J. Elizabeth Taylor, B.A.
Miss Mary Trayes
Miss Helen H. Tuck, B.A.
Miss Miriam Weiner, M.S.W.

CENTRES FOR FIELD INSTRUCTION

MONTREAL

Allan Memorial Institute of Psychiatry of the Royal Victoria Hospital: Director, Dr. D. Ewen Cameron

Baron de Hirsch Institute, Family Welfare Department: Executive Director, David Weiss

B'Nai B'Rith Youth Organization: Director, Harry J. Halperin

Children's Aid Society: Executive Director, Eric Smit

Children's Memorial Hospital, Social Service Department: Director, Mrs. Christina G. James

Department of Veterans' Affairs, Social Service Division: District Supervisor, Mrs. Gladys L. Fulford

Family Welfare Association: General Secretary, G. B. Clarke

Federation of Jewish Philanthropies: Executive Director, Donald B. Hurwitz

Griffintown Club: Executive Director, C. M. Sowery

Iverley Community Centre: Executive Secretary, Miss A. I. Vail

Jewish Child Welfare Bureau: Executive Director, David Weiss

Jewish Immigrant Aid Society: Director of Social Services, Joseph Kage

Mental Hygiene Institute: Director, Dr. Baruch Silverman

Montreal Boys' Association: Executive Director, C. A. Wylie

Montreal Council of Social Agencies: Executive Director, Charles H. Young

Montreal General Hospital, Social Service Department: Director, Miss Avis Pumphrey

Montreal Neurological Institute, Social Service Department: Director, Mrs. Josephine D. Chaisson

Negro Community Centre: Executive Director, S. A. Clyke

Neighbourhood House: Executive Director, Rupert Shriar

LIBRARY

PROTESTANT BOARD OF SCHOOL COMMISSIONERS, Attendance Department: Chief Attendance Officer, B. H. Brown

PROTESTANT FOSTER HOME CENTRE: Executive Director, Mrs. Muriel B. McCrea

ROYAL VICTORIA HOSPITAL, Social Service Department: Acting Director, Mrs. Caroline H. Elledge

ST. ANDREW'S YOUTH CENTRE: Executive Director, E. A. Cotton

UNIVERSITY SETTLEMENT: Executive Director, Howard R. McCartney

YOUNG MEN'S AND YOUNG WOMEN'S HEBREW ASSOCIATION

YOUNG WOMEN'S CHRISTIAN ASSOCIATION: General Secretary, Miss Ann Silver

OTTAWA

CHILDREN'S AID SOCIETY: Executive Director, Clarence Halliday

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School of Social Work

GENERAL INFORMATION

In 1918 McGill University founded a School for Social Workers which was discontinued in 1932. In 1933, with the approval and cooperation of the University, an independent school, offering a two-year course to university graduates and known as the Montreal School of Social Work, was established. In October 1945, the University resumed the function of social work education and, by agreement with its Board of Trustees, the Montreal School of Social Work became the McGill University School of Social Work. Since 1939 the School has been a fully accredited member of the American Association of Schools of Social Work and as such is closely in touch with significant developments in social work education on the North American continent.

PURPOSE

The purpose of the School is to provide qualified men and women with the preparation necessary for successful practice in all branches of professional social work. This education is offered on a graduate level, in a curriculum of courses, supervised practice, and research, planned in accordance with the general policies and standards of the American Association of Schools of Social Work. Opportunities for intensive preparation for a particular field of social work are available to those who have completed successfully the broad general training of the first year, or its equivalent.

THE PROFESSION OF SOCIAL WORK

During the past few decades the services of trained social workers have been increasingly sought by both public and private social welfare agencies. The supply of such workers has never kept pace with the demand and the present shortage is gravely acute. It is obvious that the development of social security programmes and welfare schemes of many kinds, both at home and on the international level, will afford opportunities for satisfying and useful careers to men and women of good education with an interest in social problems, who equip themselves in a school of social work to render services which fall within the following general groupings:

Social Case Work, involving direct service to individuals and families, with four main subdivisions: Family Social Work, Child Welfare, Medical Social Work, and Psychiatric Social Work.

Social Group Work, designed to provide individuals with socialized experience through group activities, such as are carried on in recreation centres, social settlements, and camps.

Community Organization, concerned with the planning, organization, and development of the community to meet changing community situations and needs.

Social Administration, dealing with the administration and planning phases of social work, including supervision of other workers, teaching, and consultant services.

Research in Social Work, which, in addition to the type of research common to all social sciences, is specifically addressed to programmes, techniques, cost, efficiency, and social significance of the work of social agencies under public and private auspices.

Graduates of the School are to be found in responsible positions in the numerous private social agencies in the cities and rural areas of the Dominion as well as in the public welfare services, federal, provincial, and municipal. Increased recognition of the value of professionally trained personnel and improved salaries for all classes of social work positions in recent years indicate that well qualified graduates can look forward to fairly rapid advancement and reasonable remuneration.

RESOURCES AND EQUIPMENT

The School is an integral part of McGill University and its students are able to participate fully in the varied life of a great university. In several related fields of professional study—particularly law, medicine, and psychiatry—a rich university tradition of scholarship and achievement is available to it. It has its own building providing classroom accommodation, students' common room, and a compact up-to-date social work library to which new books, documents, and pamphlets are added continuously. Students may also use the Redpath Library, the Medical Library, and special libraries in the School of Commerce, the Faculty of Law, and the Mental Hygiene Institute.

Montreal, the largest and most cosmopolitan city of Canada, affords numerous and varied community resources in both the public and private social services. The well known teaching hospitals of the city offer opportunities for medical and psychiatric social work training. Four Financial Federations and two Councils of Social Agencies afford a fertile field for

the study of community organization. Private family and child welfare agencies are well organized and offer diversified field experience. The usual Federal and Provincial Government local administrative offices, such as the National Employment Service, Unemployment Insurance Commission, Workmen's Compensation Board, Old Age Pensions Board, Mothers' Allowance Commission, etc., are available for study.

DEGREES

The degree of Master of Social Work (M.S.W.) is awarded to students who complete the two-year course in accordance with the regulations of the Faculty of Graduate Studies and Research. The degree of Bachelor of Social Work (B.S.W.) may be gained upon satisfactory completion of the requirements of the first year.

ADMISSION REQUIREMENTS

1. DEGREE STUDENTS

Applicants must meet the following requirements:

(a) Graduation with a bachelor's degree from a university or college of recognized standing, with satisfactory completion of at least one introductory course in three of the four following subjects: psychology, sociology, economics, political science. Competence should be demonstrated in one of these four fields by the completion of at least two further courses therein. (A student holding a bachelor's degree who must remove a deficiency in the social sciences will be advised what procedure to adopt.)

(b) Good health as certified by a physician.

(c) Personal qualifications which in the opinion of the School appear to warrant expectation of success in social work.

(d) Age between 21 and 35 years except in special circumstances.

2. LIMITED DEGREE STUDENTS

Applicants employed in social work who meet the above admission requirements may take a limited number of courses in each session. Credit may be given for these courses but no student may qualify for a degree without a session of full time resident study.

First year students in this category are subject to the regulations of the Faculty of Arts and Science. Second year students in this category who have been admitted to the Faculty of Graduate Studies and Research are subject to the regulations of that Faculty.

3. PARTIAL STUDENTS

A limited number of mature persons who are not university graduates, but whose general background and experience in social work suggest ability to profit by work in the School, may be accepted as special students at the discretion of the Committee on Admissions and Standing. Such students may be required to register in certain undergraduate courses of the Faculty of Arts and Science. A statement of standing for courses taken under examination may be obtained on request, but credit is not given towards a degree.

ADVANCED STANDING

Courses: Students desiring to secure credit towards a degree for courses taken in other universities or schools of social work must submit official records with any applications for such credit. Each case will be dealt with on its merits.

Field Work: In certain circumstances students may be given credit for field work undertaken prior to registration in the School. In no case will the amount of such credit be determined until the School has had an opportunity of observing the student's performance in the field.

Decisions involving questions of advanced standing will be made by the Committee on Admissions and Standing.

APPLICATION AND REGISTRATION

Application for admission to the *School* is made on forms which may be obtained from the School of Social Work, McGill University. Applicants who are not McGill graduates must submit a certified copy of their academic record beyond high school. Applications must be accompanied by a physician's certification that applicant has been examined and is in good health. Since enrolment is limited and the admissions policy is selective, intending students are advised to apply by April 1st in the year during which they desire to enter the School. Early applications will receive preferential consideration. A personal interview is arranged, at the School whenever possible, otherwise an applicant may be requested to interview a person designated by the School.

Application for admission to *candidacy for the Master of Social Work degree* (second year students) must be submitted to the Faculty of Graduate Studies and Research on the required forms not later than September 17th. An earlier date may be requested.

Registration: Students in the School of Social Work will register at the office of the School, 3600 University Street, on or before Thursday, September 27th.

All students are admitted on probation. A student may be asked to withdraw if careful review of his progress suggests this to be advisable.

MCGILL UNIVERSITY LIBRARY

Students taking a full programme of courses in any term usually cannot expect to do the work of the School satisfactorily unless they give their full time to it.

PLAN OF STUDY—

FIRST YEAR PROGRAMME

Requirements for the Bachelor of Social Work Degree (B.S.W.)

Basic courses in the following subjects are required of all candidates:

SOCIAL CASE WORK
SOCIAL GROUP WORK
MEDICAL INFORMATION
PSYCHIATRIC INFORMATION
COMMUNITY ORGANIZATION
PUBLIC WELFARE
SOCIAL RESEARCH
FIELD WORK

The programme of first year students is largely prescribed.

Requirements for the Bachelor's degree will be met by:

1. Completion of the equivalent of five "full courses" in the above list.

2. Supervised practice (a) two days per week, October-May, (b) daily for six weeks during May and June.

SECOND YEAR PROGRAMME

Requirements for the Master of Social Work Degree (M.S.W.)

Admission to candidacy for the Master's degree will be restricted to those students who have obtained at least second class standing in the B.S.W. course or its equivalent and standing satisfactory to the Faculty of Graduate Studies and Research in the preceding undergraduate work.

In the M.S.W. curriculum the general rules and standards of the Faculty of Graduate Studies and Research will apply; the pass mark in all courses will be 65 per cent, and a thesis satisfactory to internal and external examiners will be required; permission to write supplemental examinations or to repeat courses will be granted only when the School recommends and the Dean of the Faculty of Graduate Studies and Research approves.

In the second year the student may elect to broaden and deepen his general preparation for the practice of social work or to concentrate his studies, to some extent, in a particular field of his choice.

At present the School prepares students for practice in the following fields:

FAMILY CASE WORK
CHILD WELFARE
MEDICAL SOCIAL WORK
PSYCHIATRIC SOCIAL WORK
COMMUNITY ORGANIZATION
PUBLIC WELFARE
SOCIAL GROUP WORK
SOCIAL RESEARCH
SOCIAL ADMINISTRATION

The degree requirements are:

1. Completion of the first year programme.
2. The equivalent of four additional "full courses".
3. Supervised practice.
4. Thesis.

FEES

The University reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

(a) FULL-TIME STUDENTS

Fees for the Session:

University Fee	$275.00
Students' Society Fee	15.00

Full-time students who are registered in the Faculty of Graduate Studies and Research pay a University fee of $200.00 and a student activities fee of $5.00.

(b) LIMITED AND PARTIAL STUDENTS

Fee for one full course (two terms)	$72.00
Fee for one half course (one term)	36.00
Student activities fee for limited students and partial students taking less than three courses	5.00

When fees are paid by instalments, an instalment fee of $5.00 is charged. Special fees and penalties, and the regulations regarding payment and remission of fees, are listed in the General Information pamphlet included with this Announcement.

(c) OTHER FEES

A candidate for the Master's degree, who has completed his courses and his residence but has not completed his thesis, must pay a registration fee of $10.00 at the beginning of the session in which he intends to submit the thesis. Any student receiving thesis supervision from a member of the staff is considered to be in residence and must register for the session and pay a fee of $25.00 plus a student activities fee of $5.00. (This amount covers use of library facilities.)

BURSARIES AND LOANS

A number of bursaries are available for the Session 1950-51.

Substantial financial assistance may be given under the Federal-Provincial Health Grants to students desiring to qualify in psychiatric and medical social work.

While awards are made only to students of attainment and promise, the financial needs of applicants will receive consideration. Inquiries should be addressed to the Director.

The Alumni Society of the School has established a Loan Fund for the use of students.

DESCRIPTION OF COURSES

1. SOCIAL CASE WORK I. First Year (Full course). Principles and methods used in helping individuals and families meet personal and social needs through social agency resources. Significance of behaviour, evaluation of social data, process in interviewing, recording, and the professional relationship are considered. Illustrative case material and the field experience of class members will be used.

Professor Aikin

1a. SOCIAL CASE WORK Ia. First Year (Half course). A survey of principles and methods in social case work as a basic approach in social work. The relation of social case work to social group work. Case material is used.

For students not majoring in social case work.

First term *Professor Aikin*

2. SOCIAL CASE WORK WITH CHILDREN. Second Year (Half course). The case work process in care and protection of children. Special needs of children living with natural parents, in foster homes, and in group settings.

First term

3. ADVANCED SOCIAL CASE WORK. Second Year (Full course). A discussion course in which emphasis is placed upon the application of psychiatric theory to case work practice.

Prerequisites: Courses 1, 4. *Professor Judkins*

4. PSYCHIATRIC INFORMATION I. First Year (Full course). Dynamics of personality; the biological, intellectual, emotional and social determinants of human behaviour. Emphasis will be on the normal personality growth and deviations in behaviour from birth to old age.

Dr. Emanuel

5. PSYCHIATRIC INFORMATION II. Second Year (Half course). A discussion of clinical cases focused on the dynamics of behaviour in the neuroses and in the organic and functional psychoses. Etiological factors, examination methods, and treatment procedures. The contribution of the various schools of psychiatric thought to social work. Class work supplemented by clinical observations.

First term

Professor Stern

6. SOCIAL GROUP WORK I. First Year (Half course). A survey of principles and methods in group work as a basic approach in social work. Description and analysis of agencies and types of organizations in which group relations and group process are emphasized. The course includes the discussion of the relation of group work to other types of social work, particularly case work.

For students not majoring in group work.

First term

Professor Zaloha

7. SOCIAL GROUP WORK II. First Year (Full course). A study of the theories and principles of group work practice. The nature of the social process in organized groups and its value to the individual; group experience at varying age levels; the use of play and other media in relation to the needs and adjustment of the individual; the role of the leader in group work. A discussion of group situations based on group records. An analysis of agencies and their programmes. The interrelation of group work and other fields of social work.

Professor Zaloha

8. SOCIAL GROUP WORK IIa. First Year (Full course). A course required in connection with Social Group Work II. Planned to develop skill and understanding in the use of programme activities designed to meet the needs of individuals and ability to direct such activities to socially desirable ends. Consideration will be given to the fundamentals of rhythm and music, traditional games, folk dancing, arts and crafts, dramatics, and their adaptation to groups of various ages and types.

Professor Zaloha

9. SOCIAL GROUP WORK III. Second Year (Full course). An advanced course dealing with organization and leadership of various types of groups and the relation of these groups to the agency and community. Analysis

of group records; agency functions in relation to leadership for staff, volunteers, and community; administrative and advisory aspects of group work.

Prerequisites: Courses 7, 8.

Professor Zaloha

10. SOCIAL GROUP WORK IIIa. Second Year (Full course). A continuation of social Group Work IIa with additional emphasis on skill in the directing and leading of group activities in special situations.

To be taken concurrently with Course 9.

Professor Zaloha

11. COMMUNITY ORGANIZATION I. First Year (Half course). A study of methods of community organization. The establishment of constructive relationships between social work organizations and other forces in the community. Discussions of relationships between public and private, local, provincial, and national social agencies. Organization and problems of councils of social agencies, financial federations, etc.

Second term *Mr. Hurwitz*

12. COMMUNITY ORGANIZATION II. Second Year (Half course). An advanced course in problems and techniques of community organization.

First term

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13. ADMINISTRATION OF SOCIAL AGENCIES. Second Year (Half course). The administrative process within the social agency; functions and interrelationships of board of directors, executive, and staff. Committees. Financial administration and budgeting; office management, etc.

Second term *Miss Howell*

14. GOVERNMENT AND SOCIAL WORK. First Year (Half course). The Canadian nation; land, resources, population. Economic development. Political institutions and administrative structure. Distribution of welfare functions among national, provincial, and municipal authorities. Constitutional problems and remedies proposed. Public finance and taxation.

First term *Professor Scott*

15. PUBLIC WELFARE I—THE SOCIAL SERVICES. First Year (Full course). A survey course, designed primarily for first year students. Historical background of modern social services both public and private. Analysis of major social problems today, and of the services developed to meet them. Examination of policies in such areas as public assistance, social insurance, child welfare, correction, medical care, and other health services. Interrelationships between public and private social services. Administration framework in relationship to plans for social security.

Mrs. Fulford

16. PUBLIC WELFARE II (a)—CHILD WELFARE. Second Year (Half course). Historical development of child welfare services in England, United States and Canada. Interrelationships between public and private services. Examination of existing child welfare legislation with particular reference to the care of neglected and dependent children. Problems of organization and administration.

First term

17. PUBLIC WELFARE II(b)—SOCIAL INSURANCE. Second Year (Half course). Historical background and development. Examination of social insurance systems today. Problems of administration. Relationship to public assistance and social agencies. Problems of integration with public assistance programme.

Second term *Mr. Breul*

18. PUBLIC WELFARE II(c)—PUBLIC ASSISTANCE. Second Year (Half course). Examination of essentials in a modern public assistance programme. Categorical aid. Relationship to health services and to private social agencies. Problems of organization and administration. Problems of integration with social insurance.

First term *Mr. Breul*

19. PUBLIC WELFARE II(d)—PUBLIC WELFARE ORGANIZATION AND ADMINISTRATION. Second Year (Half course). Examination of principles of public administration in a public welfare setting. Structure of major Canadian public welfare organizations. Problems of reorganization. Administrative process.

Second term

20. MEDICAL INFORMATION I. First Year (Half course). Basic medical information concerning maintenance of health and treatment of acute illness, chronic diseases, and permanent physical impairment from infancy through adult life. Discussion of environmental and social factors influencing the restoration of the individual.

First term *Dr. Brabander, Professor Elledge, and medical lecturers*

21. MEDICAL INFORMATION II. First or Second Year (Half course). Further consideration of the rehabilitation problems of adults and children in relation to selected disease entities.

Second term *Dr. Brabander, Professor Elledge, and medical lecturers*

22. MEDICAL SOCIAL WORK. Second Year (Full course). A course designed to meet the needs of second year students who wish to specialize in medical social case work.

First term: The practice of social case work in the medical setting.

Second term: Organization of hospital social service departments; social implications of various administrative services within the hospital; participation of the medical social worker in medical and nursing education; function of the medical social worker in extramural programmes for health and medical care; growth and development of medical social work.

Professor Elledge

23. NUTRITION AND COST OF LIVING. Second Year (Half course). Elements of nutrition. Essentials of an adequate diet with special reference to the properties of the commoner food materials and their cost. Some consideration of cost of living standards at the health and decency level.

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24. LEGAL ASPECTS OF SOCIAL WORK. Second Year (Half course). The essential principles of law and their relation to problems encountered by social workers in the performance of their duties.

First term *Mr. Mergler*

25. PUBLIC RELATIONS. Second Year (Half course). A study of the interpretation of social work to the public. Publicity, methods and media. The role of the volunteer. Students participate in preparation of material for newspaper publication, radio, reports, etc.

First term *Mrs. Pembroke*

26. HISTORY OF SOCIAL WORK. Second Year (Half course). Social work seen in perspective through a study of charity, law, the industrial revolution, and subsequent nineteenth century social movements. Persons and processes active in the antecedents, origins, and development of social work are observed in relation to the social history and thought of their respective periods.

Dr. Moore

27. SOCIAL RESEARCH METHODS I. First Year (Half course). An introduction to the fundamental principles of research in the field of social work and allied social investigation.

Second term *Professor Younge*

28. SOCIAL RESEARCH METHODS II. Second Year (Half course). Elementary statistical methods as applied to social problems. The assembly of materials, selected statistical techniques, and presentation of descriptive tables and simple graphs. The interpretation of census and other official statistics relating to family living, vital statistics, and dependency problems in Canada.

First term *Professor Younge*

29. RESEARCH SEMINAR. Second Year (Half course). Individual and group conferences dealing with student theses.

Second term *Professor Younge*

30. SEMINAR IN SOCIAL WORK. Second Year (Half course). A discussion course presenting typical problems encountered in various fields of social work.

To be arranged. *Members of the Staff*

31. INTRODUCTION TO SUPERVISION IN SOCIAL CASE WORK (Half course). A discussion of basic concepts implicit in supervision as an administrative and teaching process. Open to students who are having or who have had experience as supervisors.

Professor Aikin

32. SEMINAR IN SUPERVISION IN SOCIAL CASE WORK (Half course). An advanced course. Supervised practice may be arranged concurrently.

Prerequisite: Course 31 or substantial supervisory experience.

Professor Aikin

FACULTY OF GRADUATE STUDIES AND RESEARCH

Related courses in the Faculty of Graduate Studies and Research may be used, with permission, to meet the special interests of students possessing the necessary prerequisites.

EXTENSION COURSES

1951-52

Announcement of extension courses will be made after October 15th, 1951.

UNIVERSITY LIBRARY

McGill University



Montreal

School of Physiotherapy

Beatty Memorial Hall

1951-1952

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

McGill University

SCHOOL OF PHYSIOTHERAPY

IN THE FACULTY OF MEDICINE

ADMINISTRATIVE OFFICERS

F. Cyril James, B.Com. (Lond.), M.A., Ph.D. (Penn.), D.Sc. (Clarkson), D.C.L. (Bishop's), LL.D. (Queen's, Toronto, London, New York, etc.), D. de l'U. (Montréal), F.R.S.C., Chevalier de la Légion d'Honneur
Principal

John J. O'Neill, Ph.D. (Yale), M.Sc., F.G.S.A., F.R.S.C. *Vice-Principal*

G. Lyman Duff, B.Sc., M.A., M.D., Ph.D. (Tor.), F.R.S.C.
Dean of the Faculty of Medicine

Guy H. Fisk, B.A., M.D., C.M., D.T.M. & H. (Eng.) *Director of the School*

Miss Helen M. Nicholson *Lecturer and Assistant Director*

S. H. Dobell, D.S.O. *Comptroller and Executive Assistant to the Principal*

William Bentley, C.G.A. *Bursar*

T. H. Matthews, M.A. (Oxon.) *Registrar*

A complete list of the teaching staff of the University, including the School of Physiotherapy, is printed as a separate announcement, which may be obtained from the Registrar's Office.

SCHOOL OF PHYSIOTHERAPY OFFICE

BEATTY MEMORIAL HALL

1266 Pine Avenue West,

Montreal 2

Telephone — MA 9181

GENERAL INFORMATION

The aim of the course in Physiotherapy and Occupational Therapy is to provide a supply of adequately trained graduates who will be qualified to work as Physiotherapists and Occupational Therapists in hospitals, institutions, and private homes.

Physiotherapy is the use of heat, light, water, electricity, and mechanical agents, including massage and remedial gymnastics, in the treatment of injury and disease. Occupational Therapy is the specific application of activities in the treatment of injury or disease. The media used include arts, crafts, recreation, vocational and rehabilitation training. Physiotherapists and Occupational Therapists are trained in the use of these healing agents under the direction of a physician, such treatments being prescribed by the physician and carried out according to prescription.

There is a steadily growing demand for qualified Physiotherapists and Occupational Therapists in both civilian life and the armed services. In the armed forces Physiotherapy and Occupational Therapy sisters are given the same rank and commission as a nurse. In civilian life they work in hospitals, industries, clinics, and in private homes under the direction of doctors. It is a profession for women.

The full curriculum consists of four academic years at the University (the last three of which are taken in the School). Throughout the professional course ample provision has been made for practical hospital instruction in addition to the University training. This hospital training is carried out at the Children's Memorial Hospital, The Montreal General Hospital, the Royal Victoria Hospital, the Verdun Protestant Hospital, and the Royal Edward Laurentian Hospital, in the wards and departments of Physical Medicine.

Upon satisfactory completion of the entire course, a Diploma of Physiotherapy is granted by the University.

Graduates of the School are accepted for registration by The Canadian Physiotherapy Association and The Occupational Therapy Association. The Canadian Physiotherapy Association and The Occupational Therapy Association are federal associations which through their membership maintain a registry of certified Physiotherapists and Occupational Therapists throughout Canada. All the hospitals in Canada, England, and the United States recognize membership in these associations as evidence of good professional standing in Physiotherapy and Occupational Therapy.

ADMISSION

Women students only are admitted to the course.

ACADEMIC REQUIREMENTS

Senior Matriculation or one year of college work is required for entrance to the three-year professional course. Candidates for admission must

submit certificates to show that they have completed one or the other with adequate marks. The examinations passed must include Senior Matriculation Chemistry or an equivalent course in a Faculty of Arts and Science of an accredited college or university.

Candidates wishing to know whether they have the academic qualifications for admission to the course should send complete details of their school and college work to:

Dr. Guy H. Fisk
Director, McGill School of Physiotherapy,
Room 41, 1266 Pine Avenue West,
Montreal 2.

PHYSICAL REQUIREMENTS

Candidates, in order to qualify for admission, must satisfactorily pass a complete physical examination.

REGISTRATION

Registration will take place on Wednesday, September 26th and on Thursday, September 27th in the Registrar's Office.

FEES

The fees are $275.00 per annum. There is also a craft fee of $25.00 to cover costs of materials used by the students in the Occupational Therapy classes. The articles made from these materials become the property of the student. In addition, students pay $15.00 for the support of the student organizations. Fees are due and payable at the Accounting Office during the hours of 9 a.m. to 4 p.m., on Registration Days. If desired, fees may be remitted by mail on or before the due dates. They may be paid in two instalments, in which case there is a charge of $5.00. The second instalment is due on or before February 1st. When fees are paid in two instalments, half the total fee is payable with each instalment.

Students registering late pay their fees at the time of registration, failing which they become subject to the provisions of the following paragraph:

Immediately after the prescribed dates for the payment of fees the Chief Accountant will send to the Dean of each Faculty a list of the registered students who have not paid their fees. The Dean will thereupon suspend them from attendance at classes until such time as the fees are paid or a satisfactory arrangement is made with the Chief Accountant.

Supplemental examination fees are $10.00 for each paper.

Penalty for late payment of fees.....$2.00

Late registration fee.....$5.00

PRIZES

The Lieutenant Governor's Silver Medal is awarded to the student with the highest standing throughout the course.

The Canadian Physiotherapy Association presents a Book Prize annually to the student with the highest standing in the Second Year.

The Dr. F. G. Finley Book Prize is presented annually to the student with the highest standing in the First Year.

SCHOLARSHIPS ANNOUNCEMENT

A complete list of scholarships and bursaries and the regulations governing the various loan funds are given in the Announcement of Scholarships, Bursaries, and Loan Funds which may be obtained from the Registrar's Office.

COURSES OF INSTRUCTION

PREPARATORY YEAR

Before a student is admitted to the School she must complete a year either in the Faculty of Arts and Science of a university or at senior matriculation level in a high school. During this first year the student must include a course in General Chemistry.

FIRST YEAR

ANATOMY 1P—The Anatomy of the Limbs, Skeleton, and Muscles of the Trunk. *Professor C. P. Martin*
Dr. E. Walter Workman

A course designed to familiarize the student with the basic framework of the body.

Lectures and Laboratory.....150 hours

PHYSICS 12 *Professor E. R. Pounder and others*

A general course covering the elementary portions of mechanics, heat, magnetism, electricity, light, sound, and atomic physics.

Lectures and Laboratory.....150 hours

OCCUPATIONAL THERAPY—Principles and Practices.

A. A series of lectures covering general principles in the application of Occupational Therapy; the study of Occupational Therapy as used in Mental Hospitals, in General Hospitals, Children's Hospitals, T.B. Sanatoria, Occupational Therapy Workshops and Workrooms, Compensation Board Clinics.

B. Detailed instruction in a variety of therapeutic occupations, chosen for their adaptability as treatment media. The techniques taught include weaving, leatherwork, needlework, rug making, cordwork.

Lectures and Laboratory.....150 hours

FUNDAMENTAL AND RHYTHMIC GYMNASTICS *Professor Thelma Wagner*

Fundamental Gymnastics: stressing basic body conditioning; developing strength; flexibility and co-ordination.

Rhythmic Gymnastics: also a development of general bodily skill as in fundamental gymnastics, but stressing more the response to music and exercises on the move.

Lectures..... 30 hours

MEDICAL GYMNASTICS 1—Theory and Practice of Exercises as Utilized in the Treatment of Disease. *Miss Sheila S. Riddel*

An elementary course on the theory and practice of medical gymnastics as used in the treatment of various diseases and injuries. Stress will be laid on the differentiation of exercises suitable to various types of illness.

Lectures.....90 hours

CLINICAL THERAPEUTICS 1 *Dr. Fisk*

A brief consideration of the disease processes commonly seen in patients treated by physiotherapists.

Lectures.....30 hours

ELECTROTHERAPY 1 *Miss Nicholson*

A discussion of the currents used in medical diagnosis and treatment.
Lectures and Practical Work.....60 hours

MASSAGE 1—Theory and Practice. *Miss Nicholson*

The physiological effects of massage on the various systems of the body and its technique of administration with suitable practice on the human body.

Lectures and Laboratory.....120 hours

PSYCHIATRY — *Dr. L. G. Hisey*

An introductory course in Psychiatry providing a basis for the understanding of the normal and abnormal workings of the human mind. Particular attention is given to the workings of the mind of the sick individual.

Lectures.....30 hours

HOSPITAL AND HOME NURSING — *Miss Mary S. Mathewson*

A course designed to provide a practical insight into the general principles governing the management of common injuries, the most effective first aid procedures and nursing technique adapted particularly for use in the home, the simpler hospital procedures in nursing and the proper isolation and aseptic techniques as practiced in the wards of the hospitals.

Lectures and Laboratory.....12 hours

SECOND YEAR

PHYSIOLOGY 1 — *Professor Kathleen G. Terroux*

The special physiology of posture and muscular motion and exercises, the nervous and circulatory systems—a consideration of the physiological bases for procedures in Physiotherapy.

Lectures and Laboratory.....120 hours

ANATOMY 2P—Special Anatomy. — *Professor C. P. Martin*

Lectures and demonstrations designed to provide a more intimate knowledge of the anatomical structure and functions of the bones and joints and the muscular, cardiovascular, nervous, and respiratory systems.

Lectures and Laboratory.....120 hours

CLINICAL THERAPEUTICS 2 — *Dr. Fisk and Staff*

A detailed consideration of the diseases and injuries that require physiotherapeutic treatment. The application of treatment to specific symptoms will be dealt with in detail.

Lectures.....60 hours

MEDICAL GYMNASTICS 2 — *Miss Sheila S. Riddel*

An advanced course on the theory and practice of medical gymnastics in the treatment of the diseased and injured individuals.

Lectures.....60 hours

OCCUPATIONAL THERAPY—Principles and Practice.

A. Analysis and application of occupations to a wide variety of conditions.

B. Therapeutic occupations include carpentry, metal work and jewellery making, glove making, children's work and recreational therapy.

Lectures and Laboratory.....120 hours

MASSAGE 2—Theory and Practice. *Miss Nicholson*

An advanced course dealing with the effects of massage on diseased tissue, its psychological effects, and its general application to the sick person.

Lectures.....120 hours

ELECTROTHERAPY 2 *Miss Nicholson*

A course on the physiological effect of the various electrical currents used in the treatment of sick people with the technique of their application and a consideration of the dangers and contra-indications.

Lectures.....60 hours

PHYSICS 26—The Physics of Physiotherapy. *Professor Anna I. McPherson*

A short course dealing particularly with the physics underlying the theory and use of physiotherapeutic apparatus.

Lectures.....30 hours

HOSPITAL PRACTICE 4 mornings a week

This consists of actual practice on patients in the clinics and wards under direct supervision. The work is carried out in the Children's Memorial, Montreal General, Royal Victoria, and Verdun Protestant Hospitals. These hospitals provide a wide variety of cases, embracing every type that the practising physiotherapist and occupational therapist will be likely to encounter. As Montreal is a centre drawing patients from many outlying districts, there are also opportunities of seeing many rare conditions during the hospital practice.

Besides learning the practical side of the work at the hospital, the student is instructed in hospital routine and the correct approach to the patient. At the end of her hospital experience the student will be sufficiently experienced to deal with any situation she may be called upon to face in her practical work.

THIRD YEAR

This year is essentially a hospital year with the students spending 480 hours in hospital practice. The time is divided among the Montreal General Hospital, the Royal Victoria Hospital, and the Children's Memorial Hospital, where, in addition to carrying out more advanced treatments, they receive instruction in Orthopaedic and Neurological Surgical Appliances and the application of plaster of Paris splints and supports. In addition, hospital work will be undertaken at the Verdun Protestant Hospital for psychiatric patients, and the Royal Edward Laurentian Hospital for surgical tuberculosis.

Students will be expected to concentrate for a four week period during the session on one of the following:

1. Neurological Conditions
2. Orthopaedics
3. Obstetrics
4. Paediatrics
5. Medical and Surgical Chest Conditions
6. Arthritic Conditions

ADVANCED PHYSIOTHERAPY TREATMENTS — *Miss Nicholson*

Detailed instruction in the more difficult cases.

Lectures ..... 90 hours

ADVANCED ELECTROTHERAPY — *Miss Nicholson*

Practical applications of the newer techniques in electrical treatment.

Lectures ..... 30 hours

CLINICAL THERAPEUTICS 3 — *Dr. Fisk*

Review of the more important conditions treated by physiotherapy.

Lectures ..... 30 hours

ADVANCED OCCUPATIONAL THERAPY:

A. Detailed instruction in the more difficult cases.

B. Therapeutic occupations include pottery, book-binding, art and lettering.

Lectures and Laboratory ..... 90 hours

McGill University

Montreal

Department of University Extension

Evening Courses 1951-1952

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McGill University

Montreal

Department of University Extension

Evening Courses 1951-1952

FOREWORD

The Evening Course Program of the Department of University Extension is designed to meet the continuing educational needs and interests of Montreal people.

Last session approximately 5,000 persons took advantage of the educational opportunities thus offered. It is confidently expected that a still larger number will enrol for the courses this session.

Nearly all of our evening courses are at university level; a few are of graduate standard. An examination will be set at the end of the majority of the courses and certificates will be awarded to successful candidates.

May I, on behalf of the University Extension Committee, invite your enquiries and welcome you to our classes for the 1951-52 Session.

F. S. Howes, Ph.D., P.Eng.
Director of University Extension.

TABLE OF CONTENTS

	Page
Accounting	3909
Accounting, School of Commerce	3945
Anthropology	3909
Architecture	3908
Art	3907
Biology	3909
Books	3910
Botany	3943
Chemistry	3942, 3943
Classics	3910
Drama	3910
Economics and Political Science	3911
Engineering	3913
Folk Dancing	3911
Geography	3920
History	3920
Industry	3921
Investment	3925
Journalism	3926
Languages	3927
Law	3936
Literature	3936
Mathematics	3939
Music	3938
Pharmaceutical Science	3942
Philosophy	3940
Physics	3943
Psychology	3940
Public Administration	3941
Religion	3944

GENERAL INFORMATION

REGISTRATION.—In order to expedite and facilitate the registration of the approximately 5,000 evening-course students expected this session, we have arranged for registration by mail, starting September 10th.

If at all possible please use the attached card, fill in all four sections, and mail it NOW with your cheque or money order (payable to McGill University), to the Extension Office.

ALL of the information asked for on the card—your address, telephone numbers, employer, educational background, etc.—is important to us in conducting the program and in planning for future courses. We would appreciate your co-operation.

Although registration by mail is advisable, students may register at the University during the day or evening, as follows:

Day Registration : *Third Floor*, Dawson Hall (East Wing, Arts Building), 9 a.m. to 4 p.m., Monday to Friday inclusive, September 24th to October 26th.

Evening Registration: *First Floor*, Dawson Hall, 6:30 to 8 p.m., Tuesdays and Thursdays *only*, September 24th to October 26th.

LIMITED CLASSES.—In some of the courses as, for example, language classes, in which the progress of the student is dependent on his participation and the individual attention of the instructor, the size of the class is limited. In such cases, enrolment is on a "first come, first served" basis. It is advisable, therefore, to register early.

FEES.—The fee as indicated for each course is payable in advance, at time of registration. If, after the first lecture, you find that the course seems unlikely to meet your needs, a refund of the whole fee may be obtained by presenting your Student card, first at the Extension office, for recording purposes, and then at the Cashier's office on the third floor. The Cashier's office is open from 9 a.m. to 4 p.m. *No refunds will be made after the date of the second lecture in the course.* If refund by mail is desired, the Student card must reach the Extension office *before the second lecture* and three weeks be allowed by the student for receipt of refund cheque.

CANCELLATION OF COURSES.—The student fee charged for these evening courses is essentially what it costs to put them on, assuming a certain minimum registration. If the registration in a course is less than the required minimum, the Committee reserves the right to cancel the course and refund fees.

If you are particularly anxious to take a course, may we suggest that you seek to interest your friends in it in order to ensure that at least this minimum registration is obtained.

EXAMINATIONS.—An examination, optional to students, will be available in the majority of courses. A certificate will be supplied to successful candidates.

TEXT BOOKS.—All required text books and some of the suggested reference texts may be purchased at The McGill University Book Store, 3480 University Street.

The store is open, Monday to Friday, from 8:30 a.m. to 5 p.m., and on Saturday from 9 a.m. to noon. During the period October 9th to 24th inclusive, it wll also be open, Monday to Friday, from 6 to 8 p.m.

It is suggested that language-course students defer purchase of text books until *after* their first lecture. This would not apply to students entering elementary classes to begin the study of a language.

LOCATION OF EXTENSION OFFICE.—The Extension Office may be reached via the main entrance to the Arts Building and thence to Dawson Hall, which comprises the entire East Wing of the Arts Building; or by using the outside entrance to Dawson Hall. The office is in Room 450, on the fourth floor.

TELEPHONE

MA 9181, Local 304

DESCRIPTION OF COURSES

ART

DRAWING AND PAINTING FOR PLEASURE, ELEMENTARY (non-professional). Fee $25.00 per term of 10 periods of 2 hours. Classes limited. Applicants must indicate clearly, when registering, the class they wish to take. Studio: 3450 Drummond Street.

Neither talent nor previous experience is required for these classes intended for adults desiring an outlet through art as a leisure-time pursuit. Experience will be acquired in drawing and painting from models and from imagination, using a variety of materials. The course is not one of formal instruction; therefore each person is encouraged to approach the artistic problem with the degree of artistic insight he has and develop this as far as he is able. All materials are supplied except brushes, which each student is expected to provide for himself.

A1-1. Mr. William Armstrong. First term, Thursdays, 8 p.m., beginning October 11th.

A1-2. Miss Mary Filer. First term, Mondays, 8 p.m., beginning October 15th.

A1-3. Miss Mary Filer. First term, Wednesdays, 8 p.m., beginning October 10th.

A1-4. Mr. William Armstrong. Second term, Thursdays, 8 p.m., beginning January 10th, 1952.

A1-5. Miss Mary Filer. Second term, Mondays, 8 p.m., beginning January 14th, 1952.

DRAWING AND PAINTING FOR PLEASURE, ADVANCED (non-professional). Fee: $25.00 per term of 10 periods of 2 hours. Classes limited. Studio: 3450 Drummond Street.

This course is similar to the elementary course and is a continuation of it. Applicants must have had some introductory non-professional classes, at McGill or elsewhere. All materials will be supplied with the exception of brushes.

A1-7. Mr. William Armstrong. First term, Tuesdays, 8 p.m., beginning October 9th.

A1-8. Miss Mary Filer. Second term, Tuesdays, 8 p.m., beginning January 15th, 1952.

A1-9. HISTORY AND APPRECIATION OF ART. (In cooperation with the Montreal Museum of Fine Arts.) Professor Arthur Lismer. 10 lectures of 1½ hours, Thursdays, 8 p.m., beginning October 11th. Montreal Museum of Fine Arts. Fee $10.00.

This is a survey course in the history of art: painting and sculpture from early times to the present day.

A1-10. CHILD ART. Miss Audrey A. Taylor. 10 lectures of 1½ hours, Wednesdays at 8:15 p.m., beginning October 10th. Arts Building. Fee $10.00.

A study of the creative work of children three to fifteen years of age, including the stages of development, the creative attitudes of various types of personality, and influences of environment which affect the work of the child. The course will also concern itself with the role of the instructor in directing and encouraging the development of the child.

A1-11. PERIOD AND STYLE: AN HISTORICAL SURVEY OF MUSIC AND THE VISUAL ARTS. Mme. Celia Bizony and Professor Robert Tyler Davis. 15 lectures of 2 hours, Mondays at 8 p.m., beginning in January, 1952. Fee $20.00.

The course will offer a survey of both music and the fine arts beginning with ancient Greece and leading through the Medieval, Baroque, later Classical and Romantic periods to the Modern. The relations between the two arts will be shown, as well as historical and social forces which influenced the style of various periods. Lectures will be illustrated by the playing of recordings, and lantern slides of painting, architecture and sculpture.

ARCHITECTURE

A2-1. AN APPRECIATION OF ARCHITECTURE. Professor John Bland. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 9th. School of Architecture, 3484 University Street. Fee $10.00.

Syllabus: Marble—cities and temples, Greece, 5th c. B.C.; brick and stucco—monumental buildings, Rome, 1st c. A.D.; gold mosaic—cathedrals, Byzantium, 5th c. A.D.; limestone and glass—cathedrals, Mediaeval France and England; bronze and terracotta—palaces, Renaissance Italy; crystal and gilt—chateaux, Renaissance France; satin and mahogany—mansions, Britain, 18th c.; limewash and pine—churches and cottages, Canada, 18th and 19th c.; cast iron and plaster—Romantic Revival, England and America, 19th c.; stainless steel and polished glass—contemporary architecture.

ACCOUNTING

A3-1. PRINCIPLES OF ACCOUNTING AND COST DETERMINATION. Professor Kenneth F. Byrd. 20 lectures of 1½ hours, Mondays at 6 p.m., beginning October 15th. Arts Building. Fee $23.00.

Syllabus: The meaning of accounting and its essential functions and scope; the relation of accounting to other fields, with particular reference to economics. The financial picture of business enterprises as revealed by the accountant. Methods of financing capital requirements. Principles of cost accounting and its relation to general accounting; consideration of the elements of cost, materials, labour and overhead expenses, and their control; essential principles of standard costing and budgetary control. *Text:* R. L. Boyd and R. T. Dickey, *Basic Accounting* (Rinehart).

ANTHROPOLOGY

A4-1. AN INTRODUCTION TO CULTURAL ANTHROPOLOGY. Professor Fred Voget. 10 lectures of 1½ hours, Wednesdays at 8:15 p.m., beginning October 10th. Arts Building. Fee $10.00.

This course is a survey of the field of Cultural Anthropology. The economic life, forms of marriage, types of families, political organization, religion, and arts of the non-European peoples will be discussed and compared with life in the industrialized societies. The data will be drawn from the tribal societies of the North and South American Indians, the Australians, and the native peoples of the Pacific and of Africa. Mimeographed notes are provided for each of the lectures.

A4-2. CULTURE AND PERSONALITY. Professor Fred Voget. 10 lectures of 1½ hours, Wednesdays at 8:15 p.m., beginning in January, 1952. Arts Building. Fee $10.00.

In this course, a number of cultures will be analyzed from the viewpoint of the values and ideals which are expressed in the patterns of behavior of the peoples involved. This will be followed by a description of the manner in which the individual is taught the values, attitudes, and ideals of his society. Data for the course will be drawn for the most part from the "folk societies," that is, the native peoples of the Americas (Hopi, Sioux, and Navaho, for example) and of the Pacific Islands (Samoans and Arapesh).

BIOLOGY

B1-1. NEW APPROACHES TO THE EVOLUTION OF MAN. Professor M. J. Dunbar. 10 lectures of 1½ hours, Thursdays at 8 p.m., beginning October 11th. Biological Building. Fee $10.00.

Comparative anatomy, Palaeontology, Genetics and Ecology have combined in recent years to give new impetus and new direction to the study of the evolution of Man. This course of lectures presents a summary of these advances, in the following order: (1) The mechanism of evolution, and its history. (2) Primate emergence from early mammalian stock. (3) The evolution of the human family from the anatomical point of view. (4) The evolution of man as a social being. *Recommended Text:* Sir Arthur Keith, *A New Theory of Human Evolution* (Watts & Co.).

BOOKS

B2-1. BOOK COLLECTING. Mr. Richard Pennington. 10 lectures of 1½ hours, Wednesdays at 8 p.m., beginning in January, 1952. Redpath Library. Fee $10.00.

The collecting of books, for whatever purpose, needs as much professional knowledge as investing in pictures or in shares, if one's investment is not to be wasted. This course gives the intending collector all the historical and bibliographical knowledge needed to build up a book collection that is likely to increase rather than diminish in value.

It deals with subjects and authors worth collecting; how to appraise a book; bibliographical 'points'; book prices and rarities; typography; paper; bindings; the book market; and the history of private libraries.

CLASSICS

C1-1. LATIN LITERATURE IN TRANSLATION. Dr. W. D. Woodhead. 15 lectures of 1½ hours, Wednesdays at 8 p.m., beginning October 10th. Arts Building. Fee $15.00.

The course will deal with the lives and literary works of the most celebrated Roman authors, including Lucretius, Cicero, Virgil, Horace, Ovid, Seneca, Tacitus, Juvenal and others, with discussions and readings in translation. It will form a complementary course to the lectures given in 1950-1951 on Greek Literature.

DRAMA (See also Course L11-3.)

D1-1. PLAY DIRECTING. Mr. A. J. H. Pullinger. 15 lectures of 1½ hours, Thursdays at 8 p.m., beginning October 11th. School of Architecture, 3484 University Street. Fee $15.00.

The fundamental techniques of directing involve a certain sequence of procedure in play production. As this sequence actually commences with the choice of a play, the course will start with an analysis of plays

for type, style, and dramatic values. The subsequent lectures will be focused upon preparation of the script, casting, and the planning and conducting of rehearsals.

FOLK DANCING

D2-1. FOLK DANCE. Professor Thelma C. Wagner. 10 periods of 1½ hours, Mondays at 8 p.m., beginning October 15th. Sir Arthur Currie Memorial Gymnasium, 475 Pine Avenue West. Fee $15.00.

This course is designed for those who like to folk dance. Country dances of European and American origin will be taught, and some insight will be given into the cultural background from which the dances come so that a better understanding may be had of their proper performance.

ECONOMICS AND POLITICAL SCIENCE

E1-1. CANADIAN ECONOMIC DEVELOPMENT. Mr. J. H. Dales. 10 lectures of 2 hours, Tuesdays at 6 p.m., beginning October 9th. Arts Building. Fee $20.00.

This course presents an historical account designed to promote an understanding of perennial problems faced by the Canadian economy. It deals with the early exploitation by Europeans; the growth of trade, settlement and agriculture; the development of transportation facilities and of the twentieth century manufacturing and mining industries. Attention is given to the economics of transportation, the location of industry, and population problems. Throughout the course the relationship between economic change and political trends is developed. *Text:* A. W. Currie, *Canadian Economic Development* (Macmillan); *reference,* A. W. Currie, *Economic Geography of Canada* (Macmillan).

E1-2. MONEY, BANKING AND BUSINESS CYCLES I. Professor B. H. Higgins. 10 lectures of 2 hours, Wednesdays, 6 p.m., beginning October 24th. Arts Building. Fee $20.00.

Syllabus: Mechanism of monetary expansion and contraction; money, credits, and the price level; money, interest rates, and the level of income and employment; nature and cause of business cycles; control of economic fluctuations by monetary and fiscal policy; determination of foreign exchange rates; operations of the International Monetary Fund and the International Bank for Reconstruction and Development. *Texts:* Alvin Hansen, *Business Cycles and National Income* (Norton); Alvin Hansen, *Monetary Theory and Fiscal Policy* (Norton); James and Higgins, *Money, Credit and Banking* (Ronalds); Whittlesey, *Principles of Money and Banking* (Macmillan).

E1-3. GENERAL ECONOMICS. Professor E. F. Beach. 20 lectures of 2 hours, Thursdays at 6 p.m., beginning October 11th. Arts Building. Fee $30.00.

This course presents the purpose and content of a study of economics; determination of income levels; business cycles, fiscal policy, consumption, production, monopoly and competition, international trade.

E1-4. ECONOMIC AND BUSINESS STATISTICS. Professor E. F. Beach. 20 lectures of 1½ hours, Tuesdays at 8:15 p.m., beginning October 9th. Arts Building. Fee $23.00. Prerequisite: High School algebra.

Syllabus: Presentation of data in tabular and graphic form; rates, ratios and percentages; arithmetic and semi-logarithmic line diagrams, comparison of percentages of growth, interpolation and extrapolation, comparison of amplitudes of fluctuations; frequency distributions; averages, their characteristics and uses; measures of dispersion; time series, trend, cycles, seasonal variation; adjustment for seasonal movements; adjustment for trend; simple correlation; index numbers, construction and use, some current indexes; some application of statistics to sales and market analysis, production control. *Text:* Croxton and Cowden, *Practical Business Statistics* (Prentice-Hall).

E1-5. TWENTIETH CENTURY SOCIAL THOUGHT AND EXPERIMENTS. Dr. R. H. Mankiewicz. 15 lectures of 1 hour, Tuesdays at 8:15 p.m., beginning October 9th. Arts Building. Fee $10.00.

This course is designed to trace the progress of social and economic philosophy during the 20th century and thus show the variety of approach to social and political problems and the different solutions offered by various schools of thought. It will be shown that the gradual understanding and analysis of constantly new problems in a nation's economic and social life has produced new theories and led, step by step, to a decided improvement in economic conditions and welfare in the modern state.

E1-6. THE STATE IN ECONOMIC LIFE. Professor B. H. Higgins. 10 lectures of 2 hours, Tuesdays at 6 p.m., beginning in January, 1952. Fee $20.00.

Syllabus: Growth of economic functions of government; nature and extent of economic knowledge as a basis for policy formulation; objectives of economic policy; policies for maintaining full employment without inflation; policies for improving allocation of resources; policies for improving income distribution; policies for encouraging economic growth. Are these objectives consistent with each other and with basic freedoms? Special problems and attitudes of business, labour, and agriculture; political problems involved in economic control by business,

labour, and agricultural organizations; the "panaceas"—socialism, fascism, and "laissez-faire"; political and ethical problems in a "managed economy" with a democratic state. *Texts:* G. N. Hahn, *Economic Systems* (Rinehart); B. Higgins, *What Do Economists Know?* (Melbourne University Press—Macmillan); M. E. Dimock, *Business and Government* (Henry Holt).

E1-7. MONEY, BANKING AND BUSINESS CYCLES II. Mr. J. H. Dales. 10 lectures of 2 hours, Wednesdays, beginning in January, 1952. Arts Building. Fee $20.00.

Syllabus: Nature, function and origin of money; mediaeval financial institutions; development of the Canadian, British and American monetary systems; effects of World Wars I and II and the great depression on the Canadian, British and American financial system.

ENGINEERING COURSES — UNDERGRADUATE LEVEL

While no engineering courses at the undergraduate level leading to credit toward a Bachelor of Engineering degree are offered in the Extension Department, it is proposed to make courses available from time to time which will be of assistance to students who wish to enter the Corporation of Professional Engineers of Quebec by examination. These courses will be in the "Fundamentals of Engineering" (strength of materials and hydraulics), and in the more advanced "Practice of Engineering."

In order to be eligible to take the courses in the Fundamentals of Engineering, the student must have completed the Corporation examinations in Mathematics (up to and including elementary calculus), Physics and Chemistry, or the equivalent. To be eligible for the courses in the Practice of Engineering (Civil, Chemical, Electrical, Mechanical, Metallurgical or Mining Engineering) the student must have completed the Corporation examinations in the Fundamentals of Engineering, or the equivalent.

All students wishing to avail themselves of this opportunity to prepare for the C.P.E.Q. examinations must complete a special application form which may be obtained from the Extension office, and, to be eligible to write the C.P.E.Q. examinations in May, the student must have been registered with the Corporation for at least four months.

FUNDAMENTALS OF ENGINEERING

E2-1. STRENGTH OF MATERIALS. Professor J. L. de Stein and Mr. G. W. Joly. 20 lectures of 2 hours, Mondays at 7 p.m., beginning October 15th. Engineering Building. Fee $30.00. Prerequisite: Advanced Mechanics.

This course will deal with such topics as: Elastic properties of materials; resilience; bending moment and shear diagrams; simple, fixed, and continuous beams; torsion and bending in shafts and springs; columns; bending combined with direct stress; shear distribution in beams; combined stresses.

E2-2. HYDRAULICS. Professor V. W. G. Wilson. 15 lectures of 2 hours, Wednesdays at 7 p.m., beginning October 10th. Engineering Building. Fee $23.00.

This course will discuss properties of fluids; hydrostatics; measurement of flow with orifices, weirs and Venturi meters; Bernoulli's theorem; laminar and turbulent flow; flow in pipes and open channels; divided flow. *Text:* Russel, *Hydraulics* (Holt).

PRACTICE OF ENGINEERING

E3-1. FUNDAMENTALS OF HEATING, VENTILATING AND AIR CONDITIONING Professor William Bruce. 20 lectures of 2 hours, Tuesdays at 8 p.m., beginning October 9th. Engineering Building. Fee $30.00.

Syllabus: Thermodynamic principles and properties of various media; air-vapour mixtures and the psychrometric chart; factors affecting human comfort; heat transfer and insulation, and heat losses from buildings; radiators, convectors, baseboard heating, panel heating and unit heaters; distribution systems—air, steam and hot water—fans, ducts, diffusers, piping; furnaces, boilers, fuels and combustion processes; mechanical refrigeration; air conditioning—heating, cooling, humidification and purification processes—analysis of air conditioning processes using the psychrometric chart; automatic controls.

E3-2. INDUSTRIAL ELECTRONICS. Mr. T. J. F. Pavlasek. 20 lectures of 2 hours, Tuesdays at 7 p.m., beginning October 9th. Engineering Building. Fee $30.00.

This course deals with the principles of electronic devices and their associated circuits as they are used in industry. Basic concepts of thermionic and photo-emission, vacuum and gas-filled tube types and characteristics with application to rectifiers, amplifiers, oscillators. Electronic control, measurements and instrumentation, induction and dielectric heating will be covered in detail.

E3-3. PRINCIPLES OF ELECTRIC CIRCUITS AND MACHINES. Mr. G. W. Farnell. 20 lectures of 2 hours, Thursdays at 7 p.m., beginning October 11th. Engineering Building. Fee $30.00.

This course will include: direct and alternating currents; voltmeters, ammeters and wattmeters; direct-current motors and generators; alternating-current motors and generators; transformers; control equipment; power factor correction. *Text:* Gray and Wallace, *Principles and Practice of Electrical Engineering* (McGraw-Hill); *reference:* A. W. Smith, *Electrical Measurements in Theory and Application* (McGraw-Hill).

OTHER COURSES IN ENGINEERING

E4-1. METALLOGRAPHY AND HEAT TREATMENT OF IRON AND STEEL. Professor Gordon Sproule. 20 lectures of 1½ hours, Wednesdays at 8 p.m., beginning October 10th. Physical Sciences Centre, 3450 University Street. Fee $23.00. High School graduation preferable.

The course will begin with an illustrated review of the production and properties of iron and steel, followed by a discussion of the theory fundamental to heat treatment; the constitution of alloys. Details of heat-treatment methods and the microscopy of iron and steel will be discussed. There will be laboratory demonstrations of heat-treating methods and equipment. The course will be illustrated with lantern and microscope slides.

E4-2. ENGINEERING WELDING. Professor John P. Ogilvie. 20 lectures of 2 hours, Thursdays at 8 p.m., beginning October 11th. Physical Sciences Centre, 3450 University Street. Fee $30.00. Prerequisites: Graduation in Engineering or equivalent.

Engineering Welding is intended to correlate metallurgy and design in welding. The metallurgy and design of welds made by the various welding processes will be described in some detail and the factors affecting the service of weldments pointed out. Laboratory demonstrations of the testing and stress analysis of welded structures will supplement the lectures.

ENGINEERING COURSES — GRADUATE LEVEL

Graduate engineers engaged in research, design and development work in Electrical and Mechanical Engineering require more advanced training than can be included in undergraduate courses. In particular, there are many special phases of communication engineering which require, for their mastery, such advanced training.

Graduate evening courses in Communication Engineering, sponsored by the Department of Electrical Engineering and administered by the Extension Department, have been given at McGill University since 1942,

and in Ottawa at Carleton College since 1946. Graduate courses are also being offered in Electric Power Engineering and in Mechanical Engineering.

It is now generally recognized that these courses provide a necessary supplement to undergraduate training and, in addition, offer the opportunity for graduates to complete the course requirement for the Master of Engineering degree while gainfully employed.

ELECTRICAL ENGINEERING

(Course M2-2 is prerequisite to Courses E8-1, E8-2, E8-3, E9-2 and E9-3.)

E8-1. THEORY OF ANTENNAS. Mr. M. Javid. 20 lectures of 2 hours, Thursdays at 6 p.m., beginning October 11th. Engineering Building. Fee $35.00.

The course will deal with the problem of radiation from different types of antennas at broadcast and higher frequencies. The problem is discussed from the point of view of electromagnetic field theory, and radiation resistance and patterns of single, or arrays of, antennas are obtained from fundamental electromagnetic principles. Radiation patterns of horns, and other types of microwave antennas, the factors determining the width of the beam, and radar scanning will be discussed. The mathematical approach to assorted antenna and radiation problems will be dealt with. *Text:* John D. Kraus, *Antennas* (McGraw-Hill).

E8-2. APPLIED ACOUSTICS. Professor F. S. Howes. 20 lectures of 2 hours, Mondays at 8 p.m., beginning October 15th. Engineering Building. Fee $35.00.

Syllabus: Fundamental theory and properties of acoustic waves—plane and spherical; transmission and reflection; acoustic impedance and electrical analogue; Horn and filter theory. Acoustical transducers and fundamental acoustical measurements. Physiological acoustics; architectural acoustics. Special topics—high intensity sound; ultrasonics and related phenomena.

E8-3. MICROWAVE THEORY AND TECHNIQUES AND R.F. PROPAGATION. Professor R. A. Chipman. 20 lectures of 2 hours, Tuesdays at 7 p.m., beginning October 9th. Engineering Building. Fee $35.00.

Syllabus: A survey of r.f. transmission practice at all frequencies; review of 'telegraph equation' theory of transmission lines; transmission-line sections as circuit elements; impedance-measurements using transmission lines; electromagnetic theory of transmission lines and waveguides; microwave transmission; theory and uses of resonant cavities,

T-junctions, directional couplers, etc.; triodes, magnetrons, klystrons, travelling wave tubes for microwave frequencies. Radio wave propagation in the upper atmosphere; nature of the ionosphere; magneto-ionic theory; propagation of microwaves in the troposhere.

E8-4. PRINCIPLES OF SERVOMECHANISMS. Professor Horace G. I. Watson. 20 lectures of 2 hours, Thursdays at 8 p.m., beginning October 11th. Engineering Building. Fee $35.00.

The principles of analysis of automatic control systems with emphasis on the study of system behaviour and system synthesis in terms of differential equations and complex functions. Allied electrical circuit theory, with special emphasis on transfer function analysis and the study of stability criteria, will be included.

APPLIED MATHEMATICS. See MATHEMATICS.

OPERATIONAL CALCULUS AND MATRIX ALGEBRA. See MATHEMATICS.

INTRODUCTION TO NUCLEAR SCIENCE AND ENGINEERING

In view of the increasing need for engineers with a background of knowledge in Nuclear Science and Engineering, the following series of courses has been arranged.

E8-5. PRINCIPLES OF ATOMIC STRUCTURE. Professors R. A. Chipman and E. R Pounder. 10 lectures of 2 hours, Mondays at 8 p.m., beginning October 15th. Engineering Building. Fee $20.00.

Syllabus: A review of the development of atomic ideas up to Thomson's discovery of the electron. The origin of quantum theory and its application to the photo-electric effect. Conduction of electricity through gases. Resonance and ionization potentials; the Bohr theory of the hydrogen atom; energy levels; quantum numbers and the vector atom. Construction of the periodic table. X-ray and optical spectra; liberation of electrons from matter; control of electron beams; the cathode-ray oscillograph; the electron microscope.

E8-6. RADIOACTIVITY AND NUCLEAR PROCESSES. Professors F. R. Terroux and J. S. Foster. 10 lectures of 2 hours, Mondays, beginning in January, 1952. Fee $20.00.

NUCLEAR MEASUREMENTS AND APPLICATIONS. Members of the Physics. Department. 10 lectures of 2 hours, beginning in October, 1952.

NUCLEAR POWER ENGINEERING. Professor D. L. Mordell and others. 10 lectures of 2 hours, beginning in January, 1953.

E8-7. ELECTRONIC DATA-HANDLING EQUIPMENT AND COMPUTORS: Theory and Design. Mr. George Glinski. 10 lectures of 2 hours, Fridays at 7:30 p.m., beginning in January, 1952. Fee $20.00.

Syllabus: Introduction, historical background and present status of electronic computing equipment; Information Theory, elements of statistics, units of information, discrete systems, noise, codes; symbolic logic, elementary operations; binary arithmetic, elementary operations, complex operations; elementary components, counters, gates, matrices, arithmetic elements, storage devices; data-conversion equipment; system design; computors, principle of operation, programming; numerical analysis, interpolation, differentiation, integration, solution of algebraic and differential equation; industrial application, filing systems, ticket reservation, automatic accounting etc.

OTTAWA

E9-1. ELECTRIC AND MAGNETIC PROPERTIES OF MATTER. Dr. A. E. Douglas. 20 lectures of 2 hours, Tuesdays, starting October 9th. Carleton College. Fee $35.00.

The modern communication engineer makes use of a much wider variety of materials than did the engineer of a generation ago. These materials are often chosen for their particular electric or magnetic properties. This course will deal with such selected topics of modern physics as: Some concepts of statistical mechanics and quantum mechanics; excitation and ionization of atoms and molecules; electronic energy levels and electrical conductivity in gases, semi-conductors and conductors; dielectric constant and dielectric losses; diamagnetism; paramagnetism and ferromagnetism.

E9-2. RADIATION THEORY. Mr. J. W. Cox. 20 lectures of 2 hours, Wednesdays, beginning October 10th. Carleton College. Fee $35.00.

This course will start with the derivation of Maxwell's Equations and go on to consider radiation in free space and in partially confined spaces (waveguides, antennas, ionosphere). Emphasis will be placed on the physical as well as on the mathematical aspect of the problems considered.

E9-3. VIBRATIONS AND SOUND. Dr. G. J. Thiessen. 20 lectures of 2 hours, Thursdays, beginning October 11th. Carleton College. Fee $35.00.

Among the topics to be considered are: simple and compound vibrations; Fourier analysis of periodic vibrations; Fourier Integral and non-periodic motion; free and forced vibrations, motional impedance; transient

response; coupled systems; vibration of bars, membranes, plates. Fundamental theory of sound waves; single and coupled acoustical elements; acoustical impedance; transmission and absorption of sound waves; acoustical filters and mechanical vibration filters; acoustical instruments, physiological and architectural acoustics; ultrasonics and high intensity sound, generation, detection and applications.

COMPLEX VARIABLE AND OPERATIONAL CALCULUS. See MATHEMATICS.

E10-1. ELECTRICAL TRANSMISSION AND DISTRIBUTION.

Professor W. H. Schippel. 20 lectures of 2 hours, Tuesdays at 7 p.m., beginning October 9th. Engineering Building. Fee $35.00.

An understanding of the application of electrical transmission requires a detailed study of system characteristics covering aerial lines, underground cables, transformers, and synchronous machines, together with the analysis of their operation on steady-state, transient, balanced and unbalanced-phase conditions, and the protection of the system against service interruptions due to insulation breakdown and flashover. The course will also include power distribution in cities and rural areas. *Text: The Electrical Transmission and Distribution Reference Book* published by the Westinghouse Electric and Manufacturing Company.

MECHANICAL ENGINEERING

E11-1. ADVANCED MACHINE DESIGN. Professor P. M. Stafford. 20 lectures of 2 hours, Tuesdays at 8 p.m., beginning October 9th. Engineering Building. Fee $35.00.

Syllabus: Theory of mechanical design; theories of elastic failure; compound stresses; stress concentrations; factors of safety; introduction to experimental stress analysis; photoelasticity, etc.; fatigue and endurance of metals; stresses in thick cylinders and tubes; deformation beyond the elastic limit. Advanced topics are treated in detail and, wherever possible, practical examples and design applications are discussed. References to current literature are made whenever feasible.

E11-2. TIME AND MOTION STUDY LABORATORY. Professor J. M. White. 20 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 10th. Engineering Building. Fee $35.00.

This is primarily a laboratory course. Problems will be worked dealing with such topics as plant layouts, workplace arrangement, methods, right-and-left-hand charts, simo-charts, time study, standard practice instructions, rating, time-study formulas, and methods-time measurement. A visit will be made to an industrial plant to take time studies and suggest improvements for the purpose of giving the student some actual industrial practice. *The student is expected to have had an introductory course in time and motion study or practical experience in this work. Texts:* A. N. Paul and J. P. Rives, *Motion Analysis and Time Study with Laboratory Problems* (The Allen Press, Lawrence, Kansas); Maynard, Stegmerten and Schwab, *Methods-Time Measurement* (McGraw-Hill).

E11-3. MECHANICAL VIBRATIONS AND DYNAMICAL BALANCING. Professor Charles Fox. 20 lectures of 2 hours, Mondays at 6 p.m., beginning October 15th. Engineering Building. Fee $35.00.

Syllabus: Dynamics of particles and rigid bodies; dynamical systems with one, two and multiple degrees of freedom; free and forced vibrations with and without damping; longitudinal and torsional vibrations. Inertia balance of multicylinder engines; critical speeds of rotating machinery; gyroscopic effects and propeller vibrations. Self-excited vibration, simple theory of aircraft wing flutter. Free and forced vibrations of systems with non-linear characteristics. *Text:* J. P. Den Hartog, *Mechanical Vibrations* (McGraw-Hill); *reference:* S. Timoshenko, *Vibration Problems in Engineering* (Van Nostrand).

GEOGRAPHY

G1-1. CANADA: THE GEOGRAPHICAL BACKGROUND. Professor J. Brian Bird. 10 lectures of 1½ hours, on Tuesdays at 8:15 p.m., beginning October 9th. Arts Building. Fee $10.00.

The purpose of this course is to examine the geographical factors, including relief, climate, soils and location, which have influenced the population pattern and density, and land utilisation in Canada. Next, the agricultural and industrial development of the major geographical regions of Southern Canada is surveyed. The course closes with a discussion of the conservation of resources, the possible optimum population of Canada, and the problems of the lightly settled pioneer areas.

HISTORY

H1-1, HISTORY OF CANADA, THE ECONOMIC AND SOCIAL APPROACH. Professor J. I. Cooper. 10 lectures of 1½ hours, Mondays at 8 p.m., beginning October 15th. Arts Building. Fee $10.00.

The object of this study is to present Canada today in the light of the past. The history of Canada is traced through economic and social forces. Such topics as western and northern expansion, the establishment of an economy based on staple production, and immigration, will be discussed. The historical evolution of social institutions, especially of schools and churches and occupational groups will be traced.

H1-2. GREAT BRITAIN SINCE WORLD WAR I. Professor W. Stanford Reid. 10 lectures of 1½ hours, Thursdays, beginning in January, 1952. Arts Building. Fee $10.00.

This course will give the story of what has happened in Britain since 1918, showing the gradual unfolding of conditions through the difficulties of the post-war reconstruction and the labour troubles of the '20's, into the depression. The development of British foreign policy along with the recovery programme will be analysed in their relation to rearmament against Nazi aggression. The part played by Britain in World War II will be explained and the recovery which has been made since 1945 will be reviewed.

INDUSTRY: ADMINISTRATION

I1-1. ADMINISTRATIVE POLICY. Mr. R. A. MacQueen. 20 lectures of 2 hours, Mondays at 6 p.m., beginning October 15th. Physical Sciences Centre, 3450 University Street. Fee $30.00.

This course is designed to introduce the student to the broader aspects of business administration, the analysis of business problems and the determination of policy. The principal emphasis will be upon the problems of the individual business firm, but considerable attention will be given to present day developments and trends in finance, manufacturing and distribution, the analysis of industries and the effect of changing business conditions upon the outlook for different industries. Each meeting of the class will open with a lecture and the remainder of the time will be devoted to a discussion of an individual business situation or the current subject under review. Periodic written reports will be required.

I1-2. CORPORATION FINANCE. Mr. A. G. Mackinnon. 20 lectures of 2 hours, Thursdays at 8 p.m., beginning October 11th. Physical Sciences Centre, 3450 University Street. Fee $30.00.

Syllabus: Nature and characteristics of the Corporation. Growth of corporations—characteristics of the "corporate system". The government and corporations. Intercorporate relations—the holding company. The Capital Market—finance and corporate finance. The Stock Exchange. Capitalization—par value and no par value stock—preferred shares—

apportionment of earnings. Capital and voting power amongst different classes of investors—Redemption. Corporate Borrowing—Trust Deed and Bond issues. Corporate Reorganizations. The sale of securities—Investment Banking—Regulation of securities sales in England, U.S. and Canada—The Securities and Exchange Commissions.

I1-3. **PUBLIC RELATIONS.** Messrs. H. H. Lank, K. J. McArdle, L. Knott, J. S. Richardson, W. C. Beamer, J. A. Fuller, G. D. Hulme, and others. Chairman: V. O. Marquez. 10 lectures of 1½ hours, Wednesdays at 8 p.m., beginning October 10th. Physical Sciences Centre, 3450 University Street. Fee $15.00.

Syllabus: A Philosophy of Public Relations; the function of Public Relations in modern business; Public Relations media—written and spoken; special events; public relations for employees, shareholders, customers and the community; the employee as a public relations practitioner; the organization, administration and budgeting of a Public Relations Department.

INDUSTRY: MANAGEMENT

I2-1. **OFFICE MANAGEMENT.** Professor Philip T. R. Pugsley. 20 lectures of 1½ hours, Mondays at 6 p.m., beginning October 15th. Divinity Hall, 3520 University Street. Fee $23.00.

This course in the principles and practice of office management includes such topics as: principles of office organization and management; organization of a representative enterprise and the relation of the office thereto; duties of, and job descriptions for, the office manager and other members of the office staff; utilization of office personnel; office environment and administration, and office planning and control. *Text:* Wylie, *Office Organization and Management* (Prentice Hall).

I2-2. **INDUSTRIAL MANAGEMENT.** Mr. C. S. Putnam. 25 lectures of 1½ hours, Mondays at 8:15 p.m., beginning October 1st. Arts Building. Fee $28.00.

This course is designed to provide an overall picture of the techniques involved in the management of industrial enterprise. *Section one* deals with organizing an enterprise and covers legal forms of ownership, financing an enterprise, setting up internal organization; selection, location and installation of the means of production. *Section two* begins with a factory visit, and covers operating production control; purchasing, materials handling, inventory, scheduling, quality control, work methods and factory maintenance. The final section deals with industrial relations, wage control, time study and job evaluation; budgets, office management and sales administration. *Text:* Bethel, Atwater, Smith and Stackman, *Industrial Organization and Management* (McGraw-Hill).

INDUSTRY: PERSONNEL

I3-1. SUPERVISION: THE TRAINING OF SUPERVISORS AND FOREMEN. Mr. H. R. Filiatrault. 20 lectures of 2 hours, Wednesdays at 7 p.m., beginning October 10th. Engineering Building. Fee $30.00.

This course is offered in collaboration with the administrators of the Youth Training Plan of the Province of Quebec and the Canadian Industrial Trainers Association. It is designed specifically for prospective supervisors and those newly appointed to supervisory positions. The course is conducted using the conference method, with extensive use of sound films and slides to supplement discussions.

Syllabus: Duties of supervisor; supervisor as an instructor; analysing the job; training schedules; supervisor as a leader; solving every-day problems; starting the new employee; preventing grievances; handling grievances; work simplification.

I3-2. PERSONNEL ADMINISTRATION. Professor H. D. Woods. 10 lectures of 2 hours, Tuesdays at 6 p.m., beginning October 9th. Arts Building. Fee $20.00. Junior Matriculation desirable.

An introductory course which examines the character of modern industry, the role of management and of labour, and the relationships, both formal and informal, which exist in the industrial setting. The question of motives is examined and the instruments of personnel administration appraised. The course is designed to promote situational thinking. The method will be a combination of lectures, cases, and conferences. Students registering for this course should be prepared to undertake considerable reading and to participate in conference discussions. It is also desirable that they present cases from experience for class analysis. *Text:* Pigor and Myers, *Personnel Administration* (McGraw-Hill).

I3-3. LABOUR AND INDUSTRIAL LEGISLATION. Mr. Marc Lapointe. 20 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 10th. Arts Building. Fee $30.00.

Syllabus: General provisions of the civil law concerning legal relationship between employers and employees. Individual contracts between employers and employee. Contractual Relationship and Government Regulations: Collective labour agreements governed by the Professional Syndicates Act; agreements governed by the Labour Relations Act; individual contracts governed by the Minimum Wage Act; the Quebec Trade Disputes Act, the Public Services Employees Disputes Act and the Act respecting municipal and school corporations and their employees;

Labour unions and employers' associations—their certification, negotiation, conciliation, arbitration; the Provincial and Federal laws governing strikes and lock-outs. Ancillary Laws: Review of the so-called social laws. Each lecture will be followed by a practical application of the theory presented. *Text: Code of Labour and Industrial Laws.* 1950 edition (G. Francq).

I3-4. **INDUSTRIAL RELATIONS.** Professor H. D. Woods. 10 lectures of 2 hours, Tuesdays at 6 p.m., beginning in January, 1952. Arts Building. Fee $20.00. Junior Matriculation desirable.

This course deals with the question of union and management relations. It attempts an understanding of the value of management and of unions, the motives involved, the objectives, areas of mutual interest and conflict, and methods and agencies available to each. It assesses the impact of collective bargaining on the enterprise system and considers the role of the state and the question of public policy. The course involves considerable reading and will combine the lecture and the conference discussion methods. *Text:* Chamberlain, *Collective Bargaining.*

CERTIFICATE COURSE IN MANAGEMENT AND BUSINESS ADMINISTRATION

To meet the demand for the more advanced and broader training required by those graduates whose functions are primarily administrative and managerial, the Extension Department last session launched a new series of courses leading to a certificate in Management and Business Administration.

This series, which was greeted with considerable enthusiasm and is being offered again this year, is intended for graduates in Commerce, Engineering, Law, and Arts and Science, who are fully employed in industry or business. However, the separate courses making up the series will all be regular Extension courses, open to anyone who is interested. An educational background of at least high school graduation is recommended since all of these courses are at university level.

The successful completion of 7½ full courses (a full course is 40 hours) will be required to qualify for the certificate; a maximum of 2½ courses may be taken per year.

Students whose previous training entitles them to exemption from some of the required courses will make up the 7½ courses from electives.

Students wishing to follow the Certificate Series should apply to the Extension office for an application form. This must be completed on or before registration.

Syllabus

	Course No.	Page	Name of Course	Lecturer	Year*
Required Courses	E1-1	3911	Canadian Economic Development	J. H. Dales	1
	E1-6	3912	The State in Economic Life	B. H. Higgins	1
	E1-3	3912	General Economics	E. F. Beach	1 or 2
	E1-2	3911	Money, Banking and Business Cycles I	B. H. Higgins	1 or 2
	E1-7	3913	Money, Banking and Business Cycles II	J. H. Dales	1 or 2
	I2-2	3922	Industrial Management	C. S. Putnam	1 or 2
	I1-2	3921	Corporation Finance	A. G. Mackinnon	2 or 3
	I1-1	3921	Administrative Policy	R. A. MacQueen	3
Elective Courses	P2-1	3940	Introduction to Psychology	D. Bindra	1
	A3-1	3909	Principles of Accounting and Cost Determination	K. F. Byrd	1 or 2
	E1-4	3912	Economic and Business Statistics	E. F. Beach	1 or 2
	P2-3	3941	Psychology of Personality	A. S. Luchins	1, 2 or 3
	P2-4	3941	Business and Industrial Psychology	G. A. Ferguson	1, 2 or 3
	I3-4	3924	Industrial Relations	H. D. Woods	1, 2 or 3
	I3-2	3923	Personnel Administration	H. D. Woods	1, 2 or 3
	I3-3	3923	Labour and Industrial Legislation	Marc Lapointe	1, 2 or 3
	C-231	3945	Commercial Law (Evening Commerce Course)	P. F. Vineberg	2 or 3
	I2-1	3922	Office Management	P. T. R. Pugsley	2 or 3

*Courses to be taken in this order.

INVESTMENT

I4-1. INVESTING YOUR MONEY: PRINCIPLES AND PROBLEMS. Professors Higgins, Vineberg, Byrd and others. 8 lectures of 1½ hours, Tuesdays, beginning October 16th at 8 p.m. Physical Sciences Centre, 3450 University Street. Fee $12.00.

This course is planned for people who wish to know more about the basic principles of investment. Among the topics to be discussed are:

the structure of the capital market; factors which determine the level and structure of yields; business cycles and trends; the influence of Government policy on investment yields; corporation law and investment; analysis of financial statements.

CERTIFICATE COURSE IN JOURNALISM

This series of courses, which will be distributed over a three-year period, aims at giving students a knowledge of newspaper production and training in the writing of news and feature articles for newspapers, magazines and radio. High school graduation and a command of basic English are requirements for entrance into the course. Students will be required to do writing assignments in all individual courses.

J1-1. INTRODUCTION TO JOURNALISM. Miss May Ebbitt. 20 lectures of 2 hours, Mondays at 8 p.m., beginning October 15th. Arts Building. Fee $30.00. Class limited.

A comprehensive survey of journalism in Canada and the United States, covering its development to its present state; major types of publications including daily and weekly newspapers, magazines and news agencies, freedom of the press and the limitations placed upon it by the law. Students will be required to write a term paper.

J1-2. ELEMENTARY NEWS WRITING. Miss May Ebbitt. 10 lectures of 2 hours, Wednesdays at 8 p.m., beginning October 10th. Arts Building. Fee $20.00. Class limited.

The techniques of news writing, including news evaluation, structure of news stories, sources of news and methods of reporting. Students will write weekly assignments.

J1-3. ELEMENTARY FEATURE WRITING. Miss May Ebbitt. 10 lectures of 2 hours, Wednesdays, beginning in January, 1952. Arts Building. Fee $20.00. Class limited.

The techniques of feature writing, including the news feature and the human interest story, styles of writing and methods of handling material. Weekly assignments.

1952-1953 SESSION

(1) News Gathering and Writing, Advanced. Session.

(2) Newspaper Production. 1st Term.

(3) Editorial and Critical Writing. 2nd Term.

1953-1954 SESSION

(1) Feature Writing, Advanced. Session.

(2) Radio News and Writing. 1st Term.

(3) Magazine Writing. 2nd Term.

LANGUAGES

ENGLISH

L1-1. ENGLISH COMPOSITION AND BUSINESS WRITING. Miss Kathleen M. Fricker. 25 lectures of 1 hour, Mondays at 6 p.m., beginning October 15th. Arts Building. Fee $19.00. Class limited.

The course begins with a review of the fundamentals of grammar, punctuation, sentence structure, and paragraphing, and proceeds to a study of the basic structure of the business letter and a detailed consideration of the techniques used in writing utility, sales, credit and collection, claim and adjustment, and application letters. Vocabulary building is stressed throughout the course, and students are encouraged, but not required, to write short assignments for individual criticism.

This course is intended for those whose native tongue is English, but would be useful to those who have mastered English idiom. *Texts:* Norman Foerster and J. M. Steadman, *Writing and Thinking*, and *Exercises in Writing and Thinking* (Houghton, Mifflin).

L1-2. ENGLISH COMPOSITION AND BUSINESS WRITING, INTERMEDIATE. Miss Kathleen M. Fricker. 25 lectures of 1 hour, Mondays at 8:15 p.m., beginning October 15th. Arts Building. Fee $19.00. Class limited.

This course is designed to provide a study of the broader field of business writing: that of reports, direct mail advertising, correspondence supervision, dictation, and the basic psychology of business letters. The course offers several 'refresher' lectures on sentence structure, paragraphing, and punctuation. There is a detailed consideration of the procedure to be followed in writing business reports, and also a description of the types of prose which contribute to the effectiveness of reports. Each member of this class is encouraged to write a report from the field of actual business practice. *Texts:* Norman Foerster and J. M. Steadman, *Writing and Thinking*, and *Exercises in Writing and Thinking* (Houghton, Mifflin).

L1-3a. SPEAKING IN PUBLIC. Mr. Donald N. Byers. 20 periods of 1½ hours, Mondays at 6:30 pm., beginning October 15th. Divinity Hall, 3520 University Street. Fee $23.00.

The purpose of this course is to train the student in public speaking. Hence each weekly session will open with a short lecture by the instructor on the general principles of public speaking and the remainder of the time will be devoted to speaking by the students, with comments and suggestions by the instructor. Each student, during the course, will prepare and deliver short talks, take part in debates, introduce and thank speakers, act as chairman of the group, criticise speeches and debates, and practise impromptu speaking.

L1-3b. SPEAKING IN PUBLIC. Identical with the above. Time: Mondays at 8 p.m., beginning October 15th.

Applicants must indicate clearly, when registering, the class they wish to take.

L1-4. ENGLISH FOR THE NON-ENGLISH-SPEAKING, ELEMENTARY. Miss Ann Robson. 25 lectures of 1½ hours, Thursdays at 7:30 p.m., beginning October 11th. Arts Building. Fee $28.00. Class limited. Prerequisite: literacy in student's own language.

This first-year course is designed for real beginners in English. Less will be attempted and the pace will be slower than in the regular first-year course. Students who successfully complete this elementary course may, however, proceed to the second year in the following session. *Texts: Learning the English Language* (Nelson); Eckersley, *Essential English, Book I* (Longmans); Eckersley, *Concise English Grammar* (Longmans); *Seven Little Plays* (Longmans); *Fables* (Longmans); *Gulliver's Travels* (Longmans); *Recommended dictionary: A Learner's Dictionary of Current English* (Oxford).

CERTIFICATE OF PROFICIENCY IN SPOKEN AND WRITTEN ENGLISH: A three-year course of study in English for the non-English-speaking.

L1-5. ENGLISH FOR THE NON-ENGLISH-SPEAKING, FIRST YEAR. Professor L. B. Harrop. 25 lectures of 1½ hours, Mondays at 7 p.m., beginning October 15th. Arts Building. Fee $28.00. Class limited. Prerequisite: a fair working knowledge of English.

This course begins at the elementary level, but more will be attempted than in the Elementary course, and the rate of learning will be faster. Great stress will be laid on correct pronunciation and accentuation. The symbols of the International Phonetics Association are taught as a guide to pronunciation. A good deal of written work is also done. *Texts:* Eckersley, *Essential English, Books I and II* (Longmans); Eckersley, *Concise English Grammar* (Longmans); *Fables* (Longmans); *Gulliver's*

Travels (Longmans); *Peter the Whaler* (Longmans). *Recommended dictionary: A Learner's Dictoinary of Current English* (Oxford).

ENGLISH FOR THE NON-ENGLISH-SPEAKING, SECOND YEAR. Three classes of 25 1½-hour periods. Arts Building. Fee $28.00 for each class. All classes limited. Prerequisite: a pass in the First Year course, or an equivalent course of study.

At this stage a grasp of elementary grammar and language-structure as well as of phonetics and pronunciation is assumed. In the second year the stress is on correct intonation, and on idiom and usage, with continued formal grammatical exercises. More difficult grades of reading material will be studied. *Texts:* Eckersley, *Essential English, Book III* (Longmans); Eckersley, *Concise English Grammar* (Longmans); Judd, *Exercises in English* (Longmans); Palmer and Blandford, *Everyday Sentences in Spoken English* (Heffer); *David Copperfield* (Longmans); *Three One-Act Plays* (Longmans); *Pocket Book of Short Stories* (Pocket Books). *Recommended dictionary: A Learner's Dictionary of Current English* (Oxford).

L1-6. Professor L. B. Harrop. Mondays at 8:30 p.m., beginning October 15th.

L1-7. Miss Ann Robson. Tuesdays at 8:15 p.m., beginning October 9th.

L1-8. Mr. John Perrie. Thursdays at 8 p.m., beginning October 11th.

ENGLISH FOR THE NON-ENGLISH-SPEAKING, THIRD YEAR. Two classes of 25 1½-hour periods. Arts Building. Fee $28.00 for each class. Both classes limited. Prerequisite: a pass in the Second Year course; under exceptional circumstances a student may be admitted directly to the Third Year.

This course presupposes a fluent command of English. In the third year the stress will be on the finer points of intonation, usage and idiom. The student will also be introduced to some modern English writers. *Texts:* Eckersley, *Essential English, Book IV* (Longmans); Eckersley, *Concise English Grammar* (Longmans); Judd, *Advanced Exercises in English* (Longmans); Palmer and Blandford, *Everyday Sentences in Spoken English* (Heffer); Tibbitts, *A Phonetic Reader* (Heffer); *Modern English Writers* (Longmans); E. M. Forster, *A Passage to India* (Penguin or Everyman). *Recommended reference books: A Learner's Dictionary of Current English* (Oxford); Palmer, *A Grammar of English Words* (Longmans); Worrall, *English Idioms* (Longmans).

L1-9. Professor L. B. Harrop. Thursdays at 7 p.m., beginning October 11th.

L1-10. Miss M. E. Simpson. Tuesdays at 6 p.m., beginning October 9th.

DIPLOMA COURSE IN TRANSLATION: ENGLISH-FRENCH, FRENCH-ENGLISH

Courses L2-1 to L2-5 constitute a three-year series leading to a Diploma in Translation. These courses, which involve one two-hour period a week, are open to all qualified students. New students must make application in writing to the Extension office McGill University, before September 25th, 1951.

Students who successfully completed any of these courses last session may register by mail for the next course in the series. Students who were unsuccessful in a course last session may register by mail to repeat the course.

A registration card may be obtained by writing or telephoning the Extension office. Mailed registration cards, with cheque attached, must reach the Extension office by October 9th.

A new student desiring to register for the first year course must be prepared to show a certificate indicating that he or she has completed Grade XI (Quebec) or higher. Students without such a certificate and those new students who desire to enter second year must write an appropriate qualifying examination at the Arts Building, McGill University, at 7 p.m. on October 1st.

Registration and payment of fees will take place in the Registrar's office (East Wing of the Arts Building) on *October 11th and 12th, from 6:30 to 8:30 p.m.* New students must either have passed the qualifying examination or show the 11th Grade (Quebec) or higher certificate at registration.

The student fee, payable in full at registration, is the same for each course and is $40.00. Members of the Montreal Translators Society, on presentation of their 1951 membership cards, will be registered at a reduced fee of $35.00.

FIRST AND SECOND YEARS : COMMERCIAL TRANSLATION

The purpose of these courses is to assist students in acquiring or perfecting ease of style and propriety of vocabulatry in translating commercial material—correspondence, reports, advertising matter, simple sales contracts and the like—from English into French and *vice versa*.

The fields of terminology covered are broadly those of trade, finance and business administration. These courses are designed to emphasize the fact that commercial translation requires both accuracy and elegance,

together with a proper understanding of the principles of correct drafting and composition. A course of reading is recommended to the students. It includes standard remedial manuals and works of reference on the use of language and the art of translation.

L2-1. **ENGLISH-FRENCH AND VICE VERSA COMMERCIAL TRANSLATION (1st year).** Mr. René Fandrich and Mr. John Perrie. 20 lectures of 2 hours, Wednesdays at 7:30 p.m., beginning October 17th. Arts Building.

L2-2. **ENGLISH-FRENCH AND VICE VERSA COMMERCIAL TRANSLATION (1st year).** Mr. H. W. Mandefield and Mr. Gilbert H. King. 20 lectures of 2 hours, Thursdays at 7:30 p.m., beginning October 18th. Arts Building.

L2-3. **ENGLISH-FRENCH AND VICE VERSA COMMERCIAL TRANSLATION (2nd year).** Mr. René Fandrich and Mr. John Perrie. 20 lectures of 2 hours, Wednesdays at 7:30 p.m., beginning October 17th. Arts Building.

L2-4. **ENGLISH-FRENCH AND VICE VERSA COMMERCIAL TRANSLATION (2nd year).** Mr. H. W. Mandefield and Mr. Gilbert H. King. 20 lectures of 2 hours, Thursdays at 7:30 p.m., beginning October 18th. Arts Building.

THIRD YEAR: GENERAL TRANSLATION.

This course, which is conducted alternately in French and in English, is intended for students with a fair background of linguistic knowledge. It provides an introduction to translation work of a literary value and all texts are selected from among the work of writers whose fields range from the descriptive or psychological novel to the critical essay and topical article of merit and distinction. Apart from the constant building up of indispensable vocabulary this course particularly stresses the stylistic aspect of English and French, and special attention is paid to synonyms, shades of meaning andthe accurate rendering of the general tone of a page.

L2-5. **ENGLISH-FRENCH AND VICE VERSA GENERAL TRANSLATION (3rd year).** Miss L. Mabel King. 20 lectures of 2 hours, Wednesdays at 7:30 p.m., beginning October 17th.

FRENCH

L3-1a. **FRENCH ELEMENTARY (1st year).** Miss Norah M. Lenoir. 25 lectures of 1 hour, Mondays at 7 p.m., beginning October 15th. Arts Building. Fee $19.00. Class limited.

This is a course for beginners and includes grammar, reading and conversation. *Text:* Hendrix and Meiden, *Beginning French* (Houghton, Mifflin).

L3-1b. **FRENCH ELEMENTARY (1st year).** Identical with the above. Time: Tuesdays at 6 p.m., beginning October 9th.

Applicants must indicate clearly, when registering, the class they wish to take.

FRENCH INTERMEDIATE (2nd year). Two classes of 25 1½-hour periods. Arts Building. Fee $28.00 for each class. Both classes limited. Prerequisite: successful completion of the French Elementary (1st year) Extension Course, or equivalent.

This course is specially designed for those who have some elementary knowledge of French, but need to "refresh" their grammar, wish to understand spoken French better, or have some difficulty in expressing themselves freely in French. The course includes various grammar and translation exercises, reading and conversation, on different subjects. *Texts:* O'Brien and Lafrance, *Second Year French* (Ginn); Canadian edition of this text is entitled *Senior French*.

L3-2. Mr. Thaddé Romer. Tuesdays at 8 p.m., beginning October 9th.

L3-3. Professor André Rigault. Mondays at 6 p.m., beginning October 15th.

L3-4. **FRENCH ADVANCED (3rd year).** Miss M. O. Gauny. 20 lectures of 1½ hours, Tuesdays at 7:30 p.m., beginning October 9th. Arts Building. Fee $23.00. Class limited. Prerequisites: successful completion of the French Intermediate (2nd year) Extension Course, or equivalent.

This course, which includes reading, translation, and explanation of difficult points of grammar, is designed for those who have a fair knowledge of French and want to improve it so as to be able to write letters, make statements and express themselves correctly in French.

L3-5a. **FRENCH CONVERSATION ELEMENTARY (1st year).** Miss Norah M. Lenoir. 25 lectures of 1 hour, Mondays at 6 p.m., beginning October 15th. Arts Building. Fee $19.00. Class limited.

This course in elementary conversation is intended for students who require more practice in speaking French. Text: William Shields, *Parlons français* (Houghton, Mifflin).

L3-5b. **FRENCH CONVERSATION ELEMENTARY (1st year).** Identical with the above.

Time: Tuesdays at 7 p.m., beginning October 9th.

Applicants must indicate clearly the class they wish to take.

FRENCH CONVERSATION INTERMEDIATE (2nd year). Two classes of 25 1½-hour periods. Arts Building. Fee $28.00 for each class. Both classes limited. Prerequisites: successful completion of the French Elementary Conversation (1st year) Extension Course, or equivalent.

This course is conducted in French and its main object is to improve the students' fluency in colloquial French as well as to teach them the most appropriate terms for every-day and professional use.

L3-6. Mr. Thaddé Romer. Thursdays at 8 p.m., beginning October 11th.

L3-7. Professor André Rigault. Wednesdays at 6 p.m., beginning October 10th.

L3-8. FRENCH CONVERSATION ADVANCED (3rd year). Mrs. S. Launay. 20 lectures of 1½ hours, Thursdays at 7 p.m., beginning October 11th. Arts Building. Fee $23.00. Class limited. Prerequisite: average fluency in spoken French.

This course is conducted entirely in French. It aims at building up the student's vocabulary and developing his or her fluency in spoken French of a practical nature through a methodical study of every-day words and phrases, proverbs, idioms, and current topical terms. A certain amount of technical business vocabulary will also be included. Pronunciation receives individual attention.

Topics for conversation and debates are given well in advance, so that students have an opportunity to prepare for them. Classes are conducted so that each student is given an opportunity to practise the French he knows and to increase his grasp of the language through graded ear-training and careful elocution.

SPANISH

A CERTIFICATE OF PROFICIENCY IN SPANISH will be granted on the successful completion of the following four Spanish evening courses. These courses are designed for those who wish to study Spanish for teaching, business or cultural purposes.

L4-1. SPANISH ELEMENTARY (1st year). Professor Robina Henry. 25 lectures of 1½ hours, Tuesdays at 6:30 p.m., beginning October 9th. Arts Building. Fee $28.00. Class limited.

This is a beginner's course designed to teach the students to read, write and speak Spanish, and to become conversant with the main grammatical principles of the language. Ample practice will be given in written work

by means of translations and dictation. Students will be given practice in oral work, particular importance being attached to self-expression in Spanish. At the end of the course, students will have the opportunity of taking an examination (optional) which will include a certain amount of oral work. *Texts:* Fernandez and Hayes, *Beginning Spanish* (Houghton, Mifflin); Crow, *Spanish-American Life* (Holt).

L4-3. SPANISH INTERMEDIATE (2nd year). Mr. G. F. Stegen. 25 lectures of 1½ hours, Mondays at 7:30 p.m., beginning October 15th. Arts Building. Fee $28.00. Class limited. Prerequisite: at least one year's study of the Spanish language.

This course presents a rapid and effective method of study for students of Spanish who have mastered the main elements of grammar and pronunciation. Considerable written practice is given in grammar and syntax by means of translations and compositions. Particular importance is attached to oral work, and the course is conducted, to a very large extent, in Spanish. As an introduction to the study of Spanish culture, the course includes the reading and discussion of a nineteenth century novel. *Texts:* Tarr and Centeno, *A Graded Spanish Review Grammar* (Crofts); A. Palacio Valdés, *La Hermana San Sulpicio* (Holt); J. Robles, *Tertulias Españolas* (Crofts).

L4-4 and L4-5. SPANISH ADVANCED (3rd year) and SPANISH FINAL (4th year). Professor L. B. Harrop. 25 lectures of 1½ hours, Thursdays at 8:30 p.m., beginning October 11th. Arts Building. Fee $28.00. Prerequisite: two and three years of Spanish respectively, or equivalent.

This combined third and fourth year course includes advanced composition, the reading of short stories, novels and plays, a brief survey of Spanish civilization, modern Spanish idiom, and conversation. Fourth year students will be required to study additional texts. (See under.) *Texts:* Levy, *Present-Day Spanish* (Dryden); Alarcón, *El Capitan Veneno* and *El Sombrero de Tres Picos* (Austral); Turk and Brady, *Cuentos y Comedias de America* (Houghton, Mifflin); Marín Molina, *La Vida Española* (Bell). *Extra texts for 4th year:* Benavente, *La Fuerza Bruta* and *Lo Cursi* (Austral); Espinosa, *España* (Oxford). *Recommended reference books:* Angel del Río, *Historia de la Literatura Española, Vol. II* (Dryden); Ramsay, *A Textbook of Modern Spanish* (Holt).

L4-6. SPANISH CONVERSATION. Mr. G. F. Stegen. 25 lectures of 1 hour, Wednesdays at 7:30 p.m., beginning October 10th. Fee $19.00. Arts Building. Class limited. Prerequisite: some oral knowledge of Spanish.

This course, conducted entirely in Spanish, consists of purely oral work. It is intended to give students an opportunity to express themselves in

Spanish and to gain an active command of the language through practice in hearing and speaking. It will include group discussions on topics of general interest. While mainly a complementary course to Spanish Intermediate, it is also suitable for students who have already covered two or three years of Spanish studies and need oral practice. *Texts:* While no textbooks are assigned, students will be given advice regarding suitable reading material for improving their knowledge of the language.

ITALIAN

L5-1. ITALIAN ELEMENTARY. Dr. J. Giuseppe Levi. 25 lectures of 1 hour, Tuesdays at 7 p.m., beginning October 9th. Divinity Hall, 3520 University Street. Fee $19.00. Class limited.

This course for beginners will include grammar, reading, dictation and oral exercises, with special emphasis on inflection as well as pronunciation. The translation of some Italian short stories and songs will be undertaken towards the end of the course. *Texts:* J. L. Russo, *Elementary Italian Grammar* (Heath); E. Goggio, *A New Italian Reader* (Heath); Van Horne-Cioffari, *Graded Italian Readers* (Heath).

L5-2. ITALIAN CONVERSATION. Dr. J. Giuseppe Levi. 25 lectures of 1 hour, Tuesdays at 8 p.m., beginning October 9th. Divinity Hall, 3520 University Street. Fee $19.00. Prerequisite: Italian Elementary (1st year), or equivalent. Class limited.

From the beginning of this course the instruction will be in Italian, to enable students to make use of the Italian they know and to acquire gradually a knowledge of grammar. The course will include dictation, reading of plays and poetry, and group discussion on topics of general interest. Consideration will be given to the specific needs of the class. *Texts:* J. L. Russo, *Second Year Italian* (Heath); E. Goggio, *Six Easy Italian Plays* (Heath).

GERMAN

L6-1. GERMAN ELEMENTARY. Professor Bertha Meyer. 25 lectures of 1 hour, Thursdays at 7:30 p.m., beginning October 11th. Arts Building. Fee $19.00. Class limited.

This course offers an approach to the German language through reading and conversation. It aims at an understanding of the spoken word and of a simple modern text. A survey of the essentials of German grammar is supplied, in order to enable further independent study. *Text:* Guerber, *Märchen und Erzählungen* (Heath).

L6-2. **GERMAN INTERMEDIATE.** Professor Bertha Meyer. 25 lectures of 1 hour, Thursdays at 8:30 p.m., beginning October 11th. Arts Building. Fee $19.00. Class limited. Prerequisite: German Elementary, or its equivalent.

This course is intended as a continuation course for those who have had the beginners' course or its equivalent. It stresses conversation and the reading and understanding of modern German texts. Discussion of German grammar and syntax is encouraged.

RUSSIAN

L7-1. **RUSSIAN ELEMENTARY.** Mrs. Jadwiga Bennich. 25 lectures of 1½ hours, Mondays at 8:15 p.m., beginning October 15th. Arts Building. Fee $28.00. Class limited.

Syllabus: the Russian language in comparison with other languages; alphabet, its regularities and use; expressions of everyday usage; practice in pronunciation of words and expressions learned; gradual introduction of grammar; translation; question and answer exercises. At intervals, students will prepare at home written translation in Russian of specially prepared English tests. *Text:* G. A. Znamensky, *Conversational Russian.*

LAW

COMMERCIAL LAW. Commerce Evening Course No. C 231. See page 3945. Full details in Announcement of School of Commerce Evening Courses.

L10-1. **LAW FOR THE LAYMAN (3rd course).** Mr. Alexander McT. Stalker. 10 lectures of 1½ hours, Tuesdays at 8:15 pm., beginning October 9th. Arts Building. Fee $10.00.

This course is intended to give a general coverage of some of the legal problems encountered by the business man and by the person interested in buying Real Estate. It is not intended as a training course for lawyers nor as a means of dispensing with their services. Among the subjects that will be dealt with are: buying property, suggestions to follow and things to watch for; ways of conducting business (partnership, corporations, etc.) and their advantages and disadvantages; registration of business; agency, certain aspects of sale, bills of exchange, taxation and bankruptcy.

LITERATURE

ENGLISH

L11-1. **READINGS IN CANADIAN LITERATURE.** Professor Arthur L. Phelps. 10 lectures of 1½ hours, Tuesdays at 8:15 p.m., beginning October 9th. Arts Building. Fee $10.00.

This course is an experimental approach to Canadian writing. It will cover general background material; classroom readings accompanied by critical comment; short papers by some members of the class; and discussion periods.

L11-2. INTRODUCTION TO ENGLISH LITERATURE. Dr. Mary Winspear. 10 lectures of 1½ hours, Wednesdays at 8:15 p.m., beginning October 10th. Arts Building. Fee $10.00.

Syllabus: A survey of the historical and social background of English literature with consideration of the leading writers in the various periods; Chaucer and the emergence of English literature; the flowering of the English Renaissance; Milton and the Puritan Reformation; the eighteenth century novel; the spirit of romanticism; the revolt of the naturalists; twentieth century tendencies and divergences.

L11-3. SHAKESPEARE'S "HAMLET": A DRAMATIC INTERPRETATION OF LIFE. Professor G. I. Duthie. 10 lectures of 1 hour, Mondays at 8:15 p.m., beginning October 15th. Arts Building. Fee $10.00.

In this course, the lecturer will discuss *Hamlet* in considerable detail, interpreting it in the light of the latest Shakespearian scholarship. The lectures will be framed so as to be fully understandable by students who are not specialists in English Literature.

L11-4. BRITISH AND AMERICAN POETRY FROM YEATS TO FROST. Mr. Louis Dudek. 10 lectures of 1½ hours, Thursdays at 8 p.m., beginning October 11th. Arts Building. Fee $10.00.

Designed to increase the understanding and enjoyment of modern poetry on the part of the general reader and serious student, the course analyzes the vital direction given to poetry by the Yeats-Eliot-Pound generation and traces the various branches of this new tradition in the work of poets who followed: Robert Frost and the Masters-Sandburg group; William Carlos Williams; E. E. Cummings, Wallace Stevens, Marianne Moore. Each lecture will be followed by classroom discussion. *Text:* Kimon Friar and John Malcolm Brinnin eds., *Modern Poetry, American and British* (Appleton-Century-Crofts).

L11-5. CONTEMPORARY BRITISH AND AMERICAN POETRY. Mr. Louis Dudek. 10 lectures of 1½ hours, Thursdays, beginning in January, 1952. Arts Building. Fee $10.00.

This is a continuation of the preceding course through the last two decades, and may be taken separately. The contemporary tradition

will be traced through Auden and the English poets of the thirties; Dylan Thomas; George Barker; recent English and American poets. Canadian poetry of recent years is considered within the general framework. Each lecture will be followed by classroom discussion.

FRENCH

L12-1. **LA LITTERATURE FRANCAISE VIVANTE:** 1900-1950. Professor Pierre C. Nardin. 10 lectures of 1 hour, Mondays at 8:15 p.m., beginning October 15th. Arts Building. Fee $10.00. Prerequisite: facility in understanding literary French.

This survey will gather the scattered data necessary for the educated general public to obtain a clear picture of the latest tendencies in contemporary French literature. Emphasis will be placed on the more important writers, but suggestions for further reading and bibliographies will be made available to students who desire to enlarge their knowledge of the subject.

L12-2. **LES GRANDS ROMANCIERS FRANCAIS D'AUJOURD'HUI.** Professor Pierre C. Nardin. 10 lectures of 1 hour, Mondays, beginning in January, 1952. Arts Building. Fee $10.00. Prerequisite: facility in understanding literary French.

The novel, having achieved the status of an all-embracing genre before the turn of the century, has now in France become the main outlet for new ideas as well as the most daring flights of fancy. It is therefore well worthy of special study. The following present-day novelists will be highlighted: G. Bernanos, F. Mauriac, J. P. Sartre, J. Romains, J. de Lacretelle, P. Vialar, A. Camus, A. Malraux. Suggestions for reading and bibliographies will be made available to those interested.

MUSIC (See also Course A1-11.)

M1-1. **THE HISTORY AND APPRECIATION OF MUSIC.** Mr. Jack Waud. 10 lectures of 1½ hours, Tuesdays at 8:00 p.m., beginning October 9th. Conservatorium of Music, 3450 Drummond Street. Fee $10.00.

This course will discuss the growth of music from 1700 to the present day. An explanation of the idioms, forms, harmonic and technical resources of the composer will be presented as an aid to the enjoyment of listening. Musical illustrations will be given by vocal and instrumental soloists and ensembles from the Conservatorium of Music, and by the use of records.

MATHEMATICS

M2-1. CALCULUS. Professor Joachim Lambek. 20 lectures of 2 hours, Thursdays at 6 p.m., beginning October 11th. Engineering Building. Fee $30.00. Prerequisite: High School Algebra.

The differential and integral calculus is a powerful tool of mathematics that allows us to treat in a quantitative way the phenomenon of continuous change in a dynamic universe. It has permeated modern thought to such an extent that it has become indispensable in many practical fields, as diverse as engineering and economics, not to speak of the sciences. The course offered here is equivalent in scope to a second-year college course. It is particularly suited to students desiring to enter the C.P.E.Q. by examination. *Text:* Middlemiss, *Differential and Integral Calculus* (McGraw-Hill).

M2-2. APPLIED MATHEMATICS. Professor P. R. Wallace. 20 lectures of 2 hours, Wednesdays at 6 p.m., beginning October 10th. Engineernig Building. Fee $35.00. Prerequisite: Undergraduate Calculus, Differential Equations.

This course deals with the mathematical methods used in engineering and physics: vector analysis, Fourier series and related expansions and their use in partial differential equations, complex variables, and operational methods. The basic theory of fluid dynamics and electromagnetism are developed, with emphasis on the mathematical formulation of physical problems. A representative selection of basic problems is treated, and the commonly occurring Bessel functions, Legendre functions and spherical harmonics, are studied. The course aims at extending the power of the graduate engineer to understand and use modern mathematical techniques, and to prepare those with specialized interests to follow modern work in radiation theory, aerodynamics, etc.

M2-3. OPERATIONAL CALCULUS AND MATRIX ALGEBRA. Professor E. Rosenthall. 20 lectures of 2 hours, Mondays at 6 p.m., beginning October 15th. Engineering Building. Fee $35.00. Prerequisite: Elementary Calculus.

This course provides an introduction to operational methods in mathematics and topics in matrix algebra. Subjects covered will include the Fourier-Mellin Theorem; calculation of direct transforms; calculation of inverse transforms; impulsive functions; Heaviside's rules; transforms of periodic functions; applications of operational calculus to the solution of differential equations (ordinary and partial) which arise in dynamics, heat conduction, electromagnetic theory, linear networks, transient phenomena, etc. The fundamental rules of matrix algebra will be

discussed and applications made to linear transformations, quadratic forms, eigenvalues, illustrated by problems from applied mathematics. *Text:* Churchill, *Operational Methods* (McGraw-Hill).

M2-4. COMPLEX VARIABLE AND OPERATIONAL CALCULUS. Dr. M. Levy. 20 lectures of 2 hours, Mondays, starting October 15th. Carleton College, Ottawa. Fee $35.00.

This course will include Fourier Series; Fourier Transform analysis; Functions of a Complex Variable; Laplace Transform analysis. Applications will be made to harmonic analysis; transient and steady state conditions; pulse response; aeroplane dynamics, servomechanisms, diffusion of heat, electrical transmission lines etc.

PHILOSOPHY

P1-1. RECENT TRENDS IN PHILOSOPHY. Dr. A. T. McKinnon. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 9th. Arts Building. Fee $10.00.

During the past century there have appeared several distinct trends in philosophy. This course will be particularly concerned with two of these, namely: Positivism and Existentialism. Special attention will be given to the views of these schools respecting the nature of the problems of philosophy as well as to the answers which these schools, or at least their various proponents, provide. At the same time, however, a consistent attempt will be made to evaluate the relevance of these answers in terms of the situation in which contemporary man finds himself.

PSYCHOLOGY

P2-1a. INTRODUCTION TO PSYCHOLOGY. Professor D. Bindra. 20 lectures of 1 hour, Tuesdays at 7 p.m., beginning October 9th. Arts Building. Fee $20.00.

This course will consider the peculiarities of human behaviour and how psychology tries to explain them; the relationship of psychology to social problems, to education and medicine; perception, learning, memory, imagination, thought, motivation; emotion and emotional disturbances; intelligence and its measurement; personality and temperament. *Text:* Ruch, *Psychology and Life* (Scott, Foreman; in Canada, W. J. Gage & Co.).

P2-1b. INTRODUCTION TO PSYCHOLOGY. Identical with the above. Time: 8 p.m.

Applicants must indicate clearly, when registering, the class they wish to take.

P2-2. CHILD PSYCHOLOGY. Professor C. F. Wrigley. 20 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 9th. Chancellor Day Hall, 3544 Peel Street. Fee $23.00.

This course is intended for parents and those who are responsible for the handling of young children. It will deal with the physical, mental, emotional and social development of children the influence of their environment, and the difficulties that may arise in the course of their training and in their adjustment to family and school life. The individual differences in personality and interests will be considered, and so will the results of controlled experimentation in the field of child psychology. *Text:* Goodenough, *Child Psychology* (Appleton-Century).

P2-3. PSYCHOLOGY OF PERSONALITY. Professor A. S. Luchins. 20 lectures of 1½ hours, Thursdays at 8 p.m., beginning October 11th. Chancellor Day Hall, 3544 Peel Street. Fee $23.00.

Syllabus: The development of personality, with emphasis on problems of adjustment; relevant aspects of social psychology and abnormal psychology; principles of mental hygiene; case histories and contemporary techniques of personality analysis.

P2-4. BUSINESS AND INDUSTRIAL PSYCHOLOGY. Professor George A. Ferguson. 20 lectures of 1½ hours, Wednesdays at 8:15 p.m., beginning October 10th. Arts Building. Fee $23.00.

This is a survey course in the applications of psychological methodology to problems of business and industry; psychological aspects of industrial organization, employee attitudes and morale, employee testing and interview techniques, training, merit rating, wage and salary evaluation, fatigue and efficiency, industrial accidents, labour management relations, advertising and market research.

PUBLIC ADMINISTRATION

P3-1. PUBLIC ADMINISTRATION. Mr. D. C. Corbett. 10 lectures of 1½ hours, Tuesdays at 6 p.m., beginning October 9th. Arts Building. Fee $15.00.

This course is concerned with the civil service in the modern state, its duties and responsibilities, the powers entrusted to it, and the legal and political limitations on those powers. Canadian, American and British administrative institutions and practices are compared and contrasted. Personnel policies, the theory of organization, "bureaucracy", and other problems of administration are examined and discussed. While it is concerned with problems of interest and importance to the general

public, the course is of special significance for those engaged in, or interested in, administrative work in government, and business people having direct dealings with governmental departments and agencies.

CERTIFICATE COURSE IN PHARMACEUTICAL SCIENCE

A series of courses is being arranged which will be distributed over three or four years and lead, through examination, to a certificate in Pharmaceutical Science.

Candidates for the certificate must possess a B.A., B.Sc., Ph.G., B.Ph., L.Ph., or the equivalent. Individual courses will be open to the public at the same fees. Any interested person who feels that his background of training will enable him to obtain value from them may register for these courses.

P4-1. MODERN PHARMACY. Lecturers from the pharmaceutical chemical industry and elsewhere. 20 lectures of one-half hour, Wednesdays at 7:30 p.m., beginning October 10th. Chemistry Building. Fee $10.00.

This course is designed to bring the student up to date on recent developments in the fields of pharmacy, pharmacology and pharmaceutical chemistry. Some of the lectures will be illustrated.

P4-2. GENERAL AND ANALYTICAL CHEMISTRY. Professors W. H. Hatcher and R. V. V. Nicholls. 10 lectures of 1 hour, Wednesdays at 8 p.m., beginning October 10th. Chemistry Building. Fee $15.00. This is a review course in general chemistry as a guide to home study.

Syllabus: The laws of chemical combinations; atomic theory; atomic and molecular masses; atomic structure; molecular structure; radioactive and stable isotopes; nuclear reactions; kinetic and static chemical energy. Preliminary and qualitative analysis; reagents, indicators, apparatus, operations, disaggregations; physical determination; gravimetry; volumetry; B.P. inorganic chemistry; preparation, identification and incompatibilities.

P4-3. MATHEMATICS. (Algebra and Trigonometry). Lecturer to be announced. 10 lectures of 1 hour, alternate Wednesdays, both terms, at 9 p.m., beginning October 10th. Chemistry Building. Fee $15.00.

This is a review course in elementary mathematics as a guide to home study.

Syllabus: Algebra—Simultaneous equations; theory of quadratic equations; indices; ratio, proportion, variation; arithmetic and geometric

progressions; permutations and combinations; binomial theorem; logarithms; exponential and logarithmic series; interest and annuities; graphs and Cartesian coordinates. *Trigonometry*—Ratios; solution of triangles; radian measure; variations of the functions; circular functions of allied angles; functions of compound angles; transformation of products and sums; relations between the sides and angles of a triangle; logarithms; solution of triangles with logarithms.

P4-4. BOTANY. Lecturer to be announced. 5 lectures of 1 hour, alternate Wednesdays, first term, at 9 p.m., beginning October 17th. Chemistry Building. Fee $7.50.

This is a review course as a guide to home study.

Syllabus: General considerations; morphology, histology, cytology; the plant body; plant chemistry; plant reproduction; terminology.

P4-5. ORGANIC CHEMISTRY. Professors W. H. Hatcher and R. V. V. Nicholls. 10 lectures of 1 hour, Wednesdays at 8 p.m., beginning in January, 1952. Chemistry Building. Fee $15.00.

This is a review course intended as a guide to home study.

Syllabus: General considerations; hydrocarbons and derivatives, alcohols, aldehydes, ketones, ethers, ether peroxides, acids, amines, amides, imides, imines, nitriles, isonitriles, mixed functions, heterocyclic compounds, sulphur compounds, arsenic compounds, antimony compounds, phosphorus compounds, halogenated compounds, organometalic compounds, plant alkaloids, hormones, sulfonamides, glycosides, antihistaminics, miscellaneous.

P4-6. PHYSICS Professor E. R. Pounder. 5 lectures of 1 hour, alternate Wednesdays at 9 p.m., beginning in January, 1952. Chemistry Building. Fee $7.50.

This is a review course in elementary physics to serve as a guide to home study.

Syllabus: One lecture will be given to the main ideas of each of the basic divisions of physics—mechanics; heat, light, sound, magnetism and electricity.

Subsequent Courses in This Series

Consideration is now being given to the possibility of arranging approximately five courses each year for the next three years to complete this coordinated series on Pharmaceutical Science.

RELIGION

R1-1. RELIGION IN THE ORIENT: SOME GREAT PERSONALITIES. Professor Wilfred C. Smith. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning October 16th. Divinity Hall, 3520 University Street. Fee $10.00.

This course is designed to introduce the chief religions of the Orient by presenting not their founders, scriptures, or creeds, but outstanding persons from among their adherents,—ten men whom one or other of these religions has made great. Each illustrates what in one particular case his religion has meant in human terms. An attempt will be made to include with each biography enough historical background to make the figure concerned intelligible and vital.

R1-2. VARIETIES OF CHRISTIAN THOUGHT. Professor R. H. L. Slater. 10 lectures of 1½ hours, Thursdays at 8 p.m., beginning October 11th. Divinity Hall, 3520 University Street. Fee $10.00.

An introduction to the life, times and thought of some of the great Christian thinkers, showing the development of Christian thought and its influence on our world today. The following individuals will be discussed: Origen, St. Augustine, St. Thomas Aquinas, Luther, Calvin, Kierkegaard, William Temple, Karl Barth.

R1-3. INTRODUCTION TO ISLAM. Professor Wilfred C. Smith. 10 lectures of 1½ hours, Tuesdays at 8 p.m., beginning in January, 1952. Divinity Hall, 3520 University Street. Fee $10.00.

Islam (or Mohammedanism) is the most widespread of the non-Christian religions, and politically by far the most important. Two generations ago some outsiders called it static and thought it moribund; today it has sprung into lively activity. Of all the great religions of the Orient it comes much the closest to ourselves,—both culturally, since Muslims, like us, are heirs to both Greek thought and Old Testament monotheism; and physically, since throughout their long career Muslims and Europeans have been in contact, often conflict. The course is designed to give an introductory over-all picture of the present-day Muslim world, its past history, and its religion.

SCHOOL OF COMMERCE EVENING COURSES

The courses are as follows:

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Faculty of Arts and Science

FRENCH SUMMER SCHOOL

Director

PROFESSOR J. E. L. LAUNAY

28th June - 9th August

1951

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office.

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
Faculty of Graduate Studies and Research
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
Macdonald College (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (*available for distribution only to libraries and officials of certain institutions*)

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George LITTLE, L. Mus, B. Mus. (Dalhousie), Mus. Bac. (Toronto); Organist and Choirmaster; Élève de Marcel Dupré au Conservatoire National de Musique de Paris.

Pierre C. NARDIN, B.-ès-L., Licencié-ès-Lettres (Nancy), Diplômé d'Études Supérieures (Besançon), Agrégé de l'Université de France, Docteur-ès-Lettres; Professor of French Language and Literature, McGill University

Mlle. Marie-Thérèse REVERCHON, B.-ès-L., Licenciée-ès-Lettres (Paris), Diplômée d'Études Supérieures (Paris), Certificat d'Aptitude à l'Enseignement dans les Lycées, Agrégée de l'Université de France; Professeur de Français, Winsor College Preparatory, Boston, Mass.

André A. RIGAULT, B.-ès-L., Licencié-ès-Lettres (Paris), Diplômé d'Études Supérieures (Paris), Diplômé de l'École de Préparation des Professeurs de Français à l'Étranger (Paris), Diplômé de l'Institut de Phonétique de l'Université de Paris; Assistant Professor of French, McGill University

Thaddé ROMER, Licencié-ès-Sciences Politiques et Sociales (Lausanne); Lecturer in French, McGill University

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In addition to the regular Resident Staff, Assistant Instructors will be appointed as necessary, in order to keep the conversation groups down to a size compatible with maximum teaching efficiency. These Assistant Instructors will also be available for individual coaching and will take part in extra-curricular activities.

GROUP LEADERS

The *French Song Groups* will be under the direct supervision of M. George Little.

The *French Dramatic Group* will be under the direct supervision of M. André Rigault.

The French Fine Arts Group will be directed by Mlle. Marie-Odile Gauny.

The Editor of *Chantecler* (the weekly French paper produced by the Staff and Students of the School) will be M. Pierre Nardin.

VISITORS

As in the past, the School will have the honour of entertaining French diplomatic representatives and other distinguished French and Canadian men and women residing in or passing through Montreal. All students will have an opportunity of conversing with the visitors and asking them questions on subjects of topical interest.

The School extends a cordial invitation to American University Instructors and Professors of French who may be spending their vacations in Canada. They will always be welcome at the School, and the Director will be glad to authorize them to attend any lectures or functions in which they may be interested.

"MONTRÉAL,— UNE GRANDE MÉTROPOLE DE PRÈS D'UN MILLION ET DEMI D'HABITANTS, DONT LES DEUX-TIERS SONT DES CANADIENS DE LANGUE FRANÇAISE. . . . CE N'EST PAS SANS RAISON QUE L'ON A PU DIRE: MONTRÉAL EST LA PLUS GRANDE VILLE DE FRANCE APRÈS PARIS."

YORK UNIVERSITY LIBRARY

THE FRENCH SUMMER SCHOOL OF McGILL UNIVERSITY

The McGill French Summer School is an old-established School. It is an integral part of the Faculty of Arts and Science of McGill University, and the courses of study are of college and university standard.

THE UNIVERSITY AND ITS CULTURAL ENVIRONMENT

McGill University was established by Royal Charter in 1821 and carries on in Canada British traditions of education. It is situated in Montreal, the largest city of the historic Province of Quebec, where the language and much of the culture of old France persist. Montreal is a modern cosmopolitan city, too, the centre of an active and growing contemporary culture which expresses itself in a distinctive literature and art.

The French Summer School of the University, the only summer course of studies offered by the University in Montreal, enjoys great advantages in consequence of its situation in Montreal and French Canada. Nowhere save in the Province of Quebec can we find on the North American continent a community that uses French as its native tongue, finds its inspiration in French literature and drama, and obtains its daily news from French newspapers and French radio announcers. The environment naturally has a French atmosphere.

THE AIMS OF THE SCHOOL

The School is designed for all who desire to take courses of lectures on French thought, literature, or civilization, and at the same time gain a practical working knowledge of the language. University or college undergraduates may take lectures and language courses which are equivalent to regular college courses. University graduates and teachers of French desirous of perfecting their knowledge of the language and literature have an opportunity to take advanced courses of graduate standard. Those who desire to study for a Master's degree at McGill University itself without being able to attend the regular winter sessions of the University are offered a programme which can be spread over four summers and which, when supplemented by the regular thesis in French, leads to the McGill M.A. degree. Besides those with such professional interest, there are many who love the language and literature of France for its own sake and wish to continue studying the subject in favourable surroundings. The School accommodates these persons in its courses insofar as they are qualified for the particular courses they wish to take.

FEATURES OF THE 1951 SESSION

1. *Residence*

More detail will be found on page 14 on the Royal Victoria College, which will house the staff and all the resident students. But it should be pointed out that as regards location, comfort, and the amenities required of a Summer School residence, the Royal Victoria College can hardly be matched on this continent. All those who had the privilege of using it last summer were delighted with their own accommodation, the facilities at their disposal, and the friendly atmosphere of the residence. It is hoped that the lawns and garden which were laid in the fall will be available this year.

Men-students will be accommodated in the West Wing, women-students in the new East Wing. In order to facilitate the upholding of the No-English rule, students belonging to the same section and of comparable fluency in French will, as far as space permits, have rooms on the same floor.

2. *Language Practice Laboratory*

While the more advanced students will, as previously, use the equipment of the Phonetics Laboratory in the Arts Building, the less advanced, who need considerable aural-oral practice to acquire fluency, will avail themselves of the new Language Practice Laboratory, which will, for their benefit, be set up in the Royal Victoria College. This laboratory will consist of silent turn-tables equipped with earphones allowing groups of three to work with the same record at the same time. Lessons which have been taught in the lecture room in the morning will be available in record form in the afternoon, and it is hoped that the laboratory will be in constant use. It is not intended to replace the voice of the instructor, but it will allow students doing their assignments constantly to associate the spoken with the written words, and this should speed their progress considerably.

All records will be cut by staff members, and some courses (for instance, Courses 1, 3, 4, and 13) will be recorded in their entirety.

3. *French Song Groups*

Mr. George Little will again come back from Paris to inspire and direct the French Song Groups. His enthusiastic approach to French via the medium of song is of the greatest artistic and practical value. Students who attended the 1950 session will recall the beautiful performance of the student choir under Mr. Little's baton. He has made even more ambitious plans for 1951, and all students are urged to voyage into the realm of French sounds and rhythm "on wings of song".

4. *Dramatics*

The School has always been noted for the polish and ingenuity of the production of their French plays, and all the students who acted in them have agreed that the experiment had considerably improved their confidence in the use of spoken French.

The benefits accruing therefrom must not be limited to a few advanced students, but should be available to the whole student body. To increase the possibility of gaining this valuable experience, a number of easy, short scenes have been written or edited specially for Section A and B students. They will be performed, arena-style, each week; and it is hoped that a majority of students of all Sections will avail themselves of this opportunity of learning French "par la joie".

5. *Evening Lectures*

In order to give the students an opportunity to listen to new voices and to broaden their knowledge in their chosen field, special evening lectures will be arranged weekly. They will be open to the guests of the students and to the friends of the School.

The following lecturers have been invited:

M. EDMOND BERNARD, Conseiller Culturel Adjoint auprès de l'Ambassade de France, Ottawa, who will speak on *"L'Enseignement supérieur en France aujourd'hui"*;

M. CHARLES MAILLARD, a distinguished painter and formerly Director of the École des Beaux-Arts de Montréal, whose topic will be *"L'Art Français au Canada"*;

M. PIERRE NARDIN, Professor of French, McGill University, who will celebrate the centenary of *Guy de Maupassant;*

M. PIERRE TISSEYRE, novelist and director of the "Cercle du Livre de France", whose subject will be *"L'Année littéraire en France et au Canada Français"*.

THE THREE COURSES OF STUDY

The individual courses consist of three class sessions per week in the form of lectures and of small groups for language practice. They are arranged in three grades which are designated respectively as Sections A (Elementary), B (Intermediate), C (Advanced).

A student who has passed five courses in Section C is considered to have completed the equivalent of a full honours or graduate course in the regular college session.

Courses in Section C are counted, in certain circumstances, toward the M.A. degree in French at McGill University (see page 4027).

For M.A. students special research colloquia may be arranged.

ADMISSION REQUIREMENTS

General: For the courses of each section of study (Elementary, Intermediate, and Advanced) there are certain admission requirements which are described below in terms of college standing, but the School accepts any equivalent preparation through travel or residence in France or through private study. NO BEGINNERS ARE ADMITTED, as a working, even if limited, knowledge of the language is required for admission to Section A. On the day of registration each student is interviewed by members of the Advisory Board who recommend the section for which he is best suited.

Section A (Elementary):

Candidates are normally required to have completed two years of high school French, or one year of College French, or the equivalent.

Section B (Intermediate):

Candidates are normally required to have second or third year college standing. They must have a fair knowledge of French and some degree of facility in the spoken language.

Section C (Advanced):

Candidates are normally required to have fourth year college standing. They must have the ability to speak French fluently and have a general knowledge of French literature.

OPENING DATE

The School will open on Thursday, June 28, and close on Thursday, August 9.

Students in residence at the French House will be permitted to spend the night of June 27-28 in the residence *provided* they give due warning to the School Secretary and arrive between 5 P.M. and 10 P.M. on June 27.

No meals will be served before breakfast on June 28.

REGISTRATION

Registration will take place in the Assembly Hall on the second floor of the Royal Victoria College.

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Students will register according to the following schedule:

Resident Students:

(*a*) *Section A students* will register on the morning of June 28 from 9.30 A.M. to 12.30 P.M.

(*b*) *Section B and Section C* students will register on the afternoon of June 28 from 2.30 P.M. to 5.30 P.M.

Non-resident Students:

All non-resident students will register on the morning of June 28 from 9.30 A.M. to 12.30 P.M.

Lectures will begin at 9 A.M. on Friday, June 29. The Opening Ceremony will take place in the evening of Friday, June 29, in the Royal Victoria College (French House).

Special arrangements will be made for teachers who are unable to leave their duties in time to reach Montreal for registration on the first day, provided they give due notice of the delay in their arrival.

FEES

Tuition fee for full-time students	$125
Residence (room and board)	160
Fee for a three-hour course taken as a partial course	30
Deposit fee required on application and afterwards deducted from total fee	25

As the Announcement goes to press, there is a premium of approximately 4% on the U.S. dollar.

Students should pay all fees in cash or by cheque at the time of registration.

After registration has taken place, no fees will be refunded to any student who:

(*a*) leaves the School without permission of the Director or Assistant Director;

(*b*) is dismissed from the School by the Dean.

Should a student's presence be required at home during the session (in case of illness or domestic affliction), he must first obtain permission to leave from the Director or the Assistant Director. A refund of fees may later be arranged according to the circumstances of each individual case.

FEES FOR M.A. STUDENTS (see page 4029)

CORRESPONDENCE

All correspondence concerning the French Summer School should be addressed to the Secretary, French Summer School, Arts Building, McGill University, Montreal 2, Canada.

APPLICATION FORMS AND DEPOSITS

Application for admission should be made on a form which may be obtained from the Secretary.

Applications, accompanied by a letter of recommendation and a deposit fee of $25.00 in Canadian funds, should be received before June 15. The deposit fee will subsequently be deducted from the candidate's fee. It may be withdrawn on or before that date. In case of cancellation after June 15, it will be held until the following session, after which it will be forfeited.

Students intending to stay in the French House should apply as early as possible.

VETERANS

The School has been approved as one of the recognized institutions where U.S.A. and Canadian Veterans may continue their studies. The school tuition fees will therefore be paid by the Department of Veterans' Affairs provided that:

(*a*) U.S. students obtain a Certificate of Eligibility from their local Veterans' Administration Agency.

(*b*) Canadian students obtain a Certificate of Eligibility from their local D.V.A. representative.

The Certificate of Eligibility should be delivered to the Cashier at the time of registration.

Veterans in residence will be required to pay the $25.00 deposit fee, which will be deducted from the residence charge as the latter will NOT be paid for by D.V.A.

STATUS OF STUDENTS IN THE SCHOOL

(1) REGULAR, OR FULL-TIME, STUDENTS: those paying the full tuition fee and taking the number of courses necessary to qualify for the Certificate.

(2) PARTIALS: those registering for fewer than five courses.

M.A. STUDENTS are considered as full-time throughout the four sessions leading to the degree, since they pay the full tuition fee.

MCGILL UNIVERSITY LIBRARY

A partial student may not hold a scholarship.

Rooms are reserved for full-time students only. Partials may be accommodated in the French House only after the registration of regular students has been completed and if space permits.

SCHOLARSHIPS AND PRIZES

The School offers a limited number of Resident Scholarships to College and University students qualified to enter Section B or C. The value of these Scholarships is usually $100.

The French Government offers, in addition, two Scholarships of $100 each.

Application for Scholarships (together with supporting letters of recommendation) must reach the School Secretary on or before May 30, 1951. Successful applicants will be notified before June 15.

A number of prizes, consisting of books and medals, will be awarded to those students achieving the best results in all of the three sections.

FINAL EXAMINATIONS

A final examination is held in each course at the end of the session. Students are strongly recommended to take the final examinations, which are open to partial as well as to full-time students.

Students who fail to write examinations receive no marks, and their work and progress at the School cannot be assessed formally.

No substitute examinations can be arranged in any circumstances whatever.

THE FRENCH SUMMER SCHOOL CERTIFICATE

The curriculum leading to the FRENCH SUMMER SCHOOL CERTIFICATE in any of the three Sections is a definite programme of study which always includes practical work with the language. It aims at building an organized knowledge of the major aspects of the subjects. At the same time it is sufficiently flexible to be adapted to the previous training, aptitudes, and interests of individual students. For this reason members of the Staff advise each student at Registration. Their guidance is also available to those who do not wish to try for the Certificate.

The Certificate is a document bearing the signatures of the Dean of the Faculty of Arts and Science, the Registrar of the University and the Director of the School. It is a record of the courses taken and the grades obtained in the final examinations.

In order to qualify for the Certificate:

Students in Section A must *take and pass* 6 examinations (5 if they have taken Course 1).

Students in Section B must *take and pass* 6 examinations.

Students in Section C must *take and pass* 5 examinations.

A First Class Certificate is awarded for results averaging not less than 80%.

A Second Class Certificate is awarded for results averaging between 79% and 65%.

A Third Class Certificate is awarded for results averaging between 64% and 50%.

STATEMENTS OF EXAMINATION RESULTS

Students failing to qualify for a Certificate (either because they took less than the prescribed number of examinations, or because they failed in one or more examination) receive a STATEMENT OF EXAMINATION RESULTS. This is a document signed by the Director of the School which lists the examinations passed by a student. Failures are not listed.

ACADEMIC CREDITS

Credits may be transferred from the French Summer School to other institutions, usually on the basis of one semester hour for each course taken.

Application for transfer of credits should be addressed to the Registrar of the University, who will forward an official transcript of French Summer School grades on payment of a fee of $1.00. Students who intend to apply such credits towards a degree are recommended to obtain the consent of their own institution to the transfer of French Summer School credits before joining the School.

THE FRENCH HOUSE

The residence used as a French House during the 1951 session of the School will be the Royal Victoria College.

The Royal Victoria College is a spacious, fireproof building situated at the corner of Sherbrooke and University streets, on the southern edge of the University campus. During the winter session it is used as the University Residence for women undergraduates and it is known for its comfort and modern appointments, which include a gymnasium, a new

cafeteria, laundry and ironing rooms, and a number of sitting rooms particularly well suited to group meetings. A new West wing, just completed, has more than doubled its capacity. This residence is conveniently close to the Arts Building and to shopping and social centres. Its postal address is: Royal Victoria College, 555 Sherbrooke West, Montreal, P.Q.

The French House is open to men and women students. Each student will have his own study-bedroom. A small number of double rooms is available. These will be allotted last, unless specially requested. Married couples can be accommodated provided that one of them at least registers as a full time student, and the other knows enough French to be able to adhere to the *NO ENGLISH RULE*, which will be strictly enforced. No reduction in the residence fee will be allowed to occupants of a double room, as rooms will be allotted strictly in accordance with the date of admission to the School.

The rooms are completely furnished. Linen, towels, and blankets are provided. Meals (breakfast, lunch, dinner) are served on the cafeteria system every day, including Sunday.

A Registered Nurse will be in charge of health arrangements for students in residence.

All members of the teaching staff are in residence and associate freely with students at meals, in the Common Rooms, and in extra-curricular activities. This constant, helpful, and friendly relationship between students and staff is one of the most valued features of the School and the benefits derived by the students from such informal education cannot be too strongly emphasized.

CARS

Parking space being severely limited on the Royal Victoria College grounds, students will not be allowed to park their cars around the building. Ample parking space will be available on the University Parking Grounds, which lie on the edge of the campus 200 yards North of the Royal Victoria College. Parking tickets will be supplied to students in residence.

ARRANGEMENTS FOR STUDY AND RECREATION

Regular lecture classes are held in the Arts Building, in the centre of the University campus. The Redpath Library, nearby, is open to all students for reading and study every day from Monday to Friday, from 9 A.M. to 5 P.M.

The mornings are devoted to lectures from 9 A.M. to 1 P.M. *Students are required to attend all the lectures for which they have registered.*

The afternoons are free for private study and recreation. However, students *should* attend:

(*a*) *The French Song Groups*, directed by Mr. George Little, which will meet every week day in the Common Room at 2 P.M.

Monday, Wednesday and *Friday* meetings will be exclusively for Section A students.

Tuesday and *Thursday* meetings will be for Section B and Section C students only.

(*b*) *Conversation groups* which will meet under a number of Instructors at 2 P.M. three times a week.

Some afternoons will be set apart for conducted visits through the French district of Montreal, the French-Canadian Université de Montréal, and points of interest in and out of the city.

During the evenings there will be:

A weekly lecture.

Performances of French plays by staff and students.

Concerts of recorded French music with commentaries by Instructors.

A concert by the students.

Two or three dances.

In addition, the City of Montreal offers a number of popular attractions, such as the weekly open-air "Concerts Symphoniques" given in the evening on Mount Royal, the open-air Opera in the Molson Stadium below Douglas Hall, and scores of French restaurants and motion-picture theatres.

For those with a taste for athletics, the University tennis courts are available on payment of a small fee. The Laurentian Mountains, one of Canada's noted summer play-grounds, are within easy reach by car or train for students who would like to spend short week-ends there.

Those who wish to attend religious services with a French congregation will find both Protestant and Roman Catholic churches in Montreal.

USE OF FRENCH

Since the French Summer School aims at creating and preserving the spirit and the atmosphere of a French University best suited to needs of originally English-speaking students, it is natural that French should be the only language spoken, to the exclusion of all others.

The exclusive use of French *at all times*, in and out of class, and especially in the French House, is therefore *absolutely compulsory*.

On registering, students will sign a form pledging them to the *NO ENGLISH RULE* for the duration of the session. This rule will come into force immediately after the conclusion of the Opening Ceremony, on 29 June. The rule means that students are in honour bound to speak French when conversing among themselves as well as when talking to the staff. It should not even be necessary to depart from the rule when visiting or shopping in the city of Montreal where French is universally spoken.

The rule may be relaxed in special cases only (illness, visits from and to relatives, or when matters of special importance must be attended to urgently).

The co-operation of all students is expected in maintaining the *NO ENGLISH RULE*. Those who may be doubtful about their ability to keep it strictly should remember that the effort required of them will be less and less as the session progresses. They should bring with them such helps as vocabularies, conversation books, and pocket dictionaries, which will be very useful for the first few days. However, they will soon find that they can dispense with them. As their command of spoken French improves rapidly, they will experience a feeling of achievement, and the greater their enthusiastic adherence to the rule, the better and quicker their progress.

Telephone calls involving the use of English are forbidden in the residence, nor can friends unable to speak French be entertained in the French House.

Students should, in their own interest, refrain from reading English newspapers (seven French newspapers are published in Montreal), and listening to radio broadcasts in English (there are four French-speaking radio-stations in Montreal).

Any student who persists in breaking the *NO ENGLISH RULE* will be brought before the Dean of the Faculty of Arts and Science, who may dismiss him from the School.

REDUCED RAILWAY FARES

Arrangements have been made whereby students may obtain reduced fares from all points in Canada. Students wishing to avail themselves of this reduction should buy a single ticket and obtain at the same time a "Standard Certificate". This certificate must then be signed by the Director of the School. On presenting it at the railway ticket office, students may obtain a return coupon at the reduced fare (one-third of the cost of a one-way ticket).

BAGGAGE

The following is an extract from a memorandum (Series D, No. 12, Supplement No. 1, 15th January, 1936) of the Department of National Revenue, Customs Division:

"Radios, phonographs, musical instruments and other effects for personal and sporting use, not ordinarily entitled to entry free of duty as travellers' baggage, may be admitted without payment of duty and without deposit provided they are reported to the Customs Office and provided that these articles are imported for the use of the students themselves and will be exported under Customs supervision immediately after the closing of the School."

IMMIGRATION REQUIREMENTS

Students who are not residents of Canada should bring with them for presentation to Canadian Immigration officers the letter informing them that they have been admitted to the School for the 1951 session.

United States citizens should carry some documents of identification such as old passports, birth or baptismal certificates, tax bills, and similar papers in order to facilitate their return to their country.

Students who are citizens of the United States by naturalization should carry their naturalization certificates, and those who have not acquired such status should present evidence that they are legally in the United States and that they will be allowed to re-enter that country after their temporary stay in Canada.

BANKING ARRANGEMENTS

It is recommended to out-of-town students that they bring letters of credit or use traveller's cheques, rather than draw ordinary cheques on their home banks.

COURSES OF INSTRUCTION

SECTION A

Students wishing to qualify for the Certificate must take not less than *six* courses. Course 1, being a six hour course, will be counted as equivalent to two normal courses. Students taking Course 1 need include in their curriculum 4 other courses only.

1. LIVING FRENCH : A NEW ORAL-AURAL APPROACH TO SPOKEN FRENCH

This basic course aims at:

(*a*) developing the student's familiarity with the sounds and rhythms of the French spoken in everyday life by well-educated French people;

(*b*) building up a comprehensive, organized knowledge of the vocabulary which recurs most frequently in polite conversation;

(*c*) increasing the student's general fluency in speaking French by individual and group practice under experienced specialists.

All Section A students who, at the time of registration, experience difficulty in understanding French when spoken slowly are recommended to take this course. The size of the classes will be strictly limited and students will be grouped according to their proficiency.

Recorded material for this course will be available at the Practice Laboratory.

Mon., Tues., Wed.,
Thurs., Fri., Sat., at 9.

Mme. LAUNAY
Mlle. LA MOTHE
M. BÉGUÉ
M. ROMER

2. FUNCTIONAL GRAMMAR

This course, which will consist of oral and written work, will include:

(*a*) a revision of the rules of French grammar which the average student generally finds somewhat difficult to master (e.g. use of tenses, especially infinitive and subjunctive, relative pronouns, past participles, etc.);

(*b*) written translation work from English into French for the purpose of general grammar review.

Mon., Wed., Fri., at 10.

Mlle. GAUNY
Mlle. LA MOTHE
M. ROMER

3. EVERYDAY WORDS AND PHRASES

A systematic study of vocabulary selected for its practical value. Special emphasis will be laid on the fitting of new phrases into the pattern of conversation. Students taking this course will be supplied with vocabulary and phrase list by the School.

Recorded material for this course will be available at the Practice Laboratory.

Tues., Thurs., Sat., at 10. — Mme. Bégué, Mlle. Reverchon

4. PHONETIC DICTION : FRENCH SOUNDS AND RHYTHMS IN PROSE AND VERSE

The object of this course is to improve the student's pronunciation and intonation through the learning and repetition of carefully graded passages of conversational and literary French. Students taking this course will also study, rehearse, and act short plays and sketches especially written for the School.

Recorded material for this course will be available at the Practice Laboratory.

Mon., Wed., Fri., at 11. — Mme. Launay, Mlle. Gauny, Mlle. La Mothe

5. MODERN FRENCH PROSE

The purpose of this course is to improve a student's ability to read quickly, yet accurately, modern French prose of quality. The course is recommended to students who will require later on a good reading knowledge of French.

Tues., Thurs., Sat., at 11. — Mme. Furness

6. LANDMARKS IN 19TH CENTURY FRENCH LITERATURE

This course is specially designed for College students. It will be given in lecture form and will require a somewhat higher standard of aural comprehension than the courses listed above. It will *not* be a general survey course, but will be a vivid presentation of the outstanding literary figures of the period.

Mon., Wed., Fri., at 12. — M. Rigault

7. VERSAILLES: THE PALACE AND THE COURT OF LOUIS XIV

An art and civilization course at the beginner's level. By means of slides and photographs, the instructor will take the students through a

tour of the palace and grounds, the pride of the 17th century architects, painters, decorators, and landscape artists. The course will also include a sketch of the daily life at the noble court of the "Grand Roi", and a description of the magnificent festivals held at Versailles throughout his reign.

Tues., Thurs., Sat., at 12. Mlle. GAUNY

SECTION B

Students wishing to qualify for the Certificate must take not less than *six* courses and include in their curriculum either Course 10 or Course 11 or both.

LANGUAGE COURSES

10. TRANSLATION AND FREE COMPOSITION

The purpose of this course is:

(*a*) to review grammar by means of graded translation into French;

(*b*) to develop fluency in written French by practising the forms of writing which students are most likely to need (letters, reports, essays, etc.).

Mon., Wed., Fri., at 11. Mme. BÉGUÉ
Mlle. REVERCHON
M. ROMER

11. ORAL PRACTICE IN SELF-EXPRESSION

This course will consist of prepared discussions on assigned subjects with special emphasis on correct sentence building and on accuracy in the use of an idiomatic vocabulary.

Tues., Thurs., Sat., at 11. Mme. LAUNAY
Mlle. LA MOTHE
Mlle. GAUNY

12. FRENCH PHONETICS

An elementary but attractive study of French sounds and of their rendering in the symbols of the International Phonetic Alphabet. The course will include periods of intensive practice in the afternoons when correction of individual speech defects will be given special attention. Students will have at their disposal up-to-date phonetic equipment and

recording machines of various types. This course will be given at two different hours to allow a greater number of students to fit it into their individual time-tables.

Tues., Thurs., Sat., at 9.
Tues., Thurs., Sat., at 10. M. RIGAULT

13. DICTION

This popular course aims at a better appreciation of the æsthetic qualities of French used orally in prose and in verse. It will feature a number of special exercises designed to correct defects in pronunciation and intonation.

Recorded material for this course will be available at the Practice Laboratory.

Mon., Wed., Fri., at 9. M. LAUNAY
M. NARDIN

14. EXPLICATION DE TEXTES

This course is an introduction to the analytic French approach to the detailed study of literature. The method will be demonstrated and practised on selected passages of high literary and artistic quality. As the course bridges the gap between language and literature courses, College students majoring in French will find it both helpful and stimulating.

Mon., Wed., Fri., at 10. Mme. BÉGUÉ
Mme. LAUNAY

LITERATURE AND CIVILIZATION COURSES

20. LA FONTAINE ET SES FABLES

Familiarity with the delightful animal world of La Fontaine has long been part and parcel of French education. Literally hundreds of quotations from the Fables have become household phrases. Apart from this contribution to the enrichment of the French language, La Fontaine's witty common sense and the polished perfection of his verse make the fabulist representative both of French classicism and of the most enduring traits of the French character.

Readings: Selections from *"Les Fables"*

Tues., Thurs., Sat., at 10. M. NARDIN

21. LA COMÉDIE AU 18e SIECLE

Because Molière had apparently brought classical comedy to its final perfection, his successors had to experiment with new material and cater to new tastes. Thus were born the refined psychology of Marivaux and the dashing, cynical satires of Beaumarchais.

Readings will include extracts from:

Regnard:	*Le Légataire Universel*
Lesage:	*Turcaret*
Marivaux:	*Le Jeu de l'Amour et du Hasard* *La Double Inconstance*
Sedaine:	*Le Philosophe Sans le Savoir*
Beaumarchais:	*Le Barbier de Séville* *Le Mariage de Figaro*

Mon., Wed., Fri., at 11. Mme. FURNESS

22. LE DRAME ROMANTIQUE

While the battle was raging between the Romanticists and the Traditionalists, victory for the Romantic cause was won on the stage. Many of the dramas which were intended to be heavy blows to the Classical School have, however, retained most of their freshness and appeal. They have lost their controversial aspect and have been acknowledged as masterpieces of the French theatre of all times.

Readings will include selections from:

V. Hugo:	*Préface de "Cromwell"* *Hernani* *Ruy Blas*
A. de Vigny:	*Chatterton*
A. Dumas:	*Henri III et sa Cour*
A. de Musset:	*Lorenzaccio*

Mon., Wed., Fri., at 12. Mlle. REVERCHON

23. ASPECTS DU ROMAN FRANÇAIS DE 1850 A 1900

The aim of this course is to make the student familiar with the leaders of the Realist and Naturalist schools, who have played a major part in making the novel the all-embracing literary genre which it is to-day.

Readings will include extracts from the works of G. Flaubert, E. and J. de Goncourt, G. de Maupassant, E. Zola and his Group.

Mon., Wed., Fri., at 10. M. BÉGUÉ

24. LA MUSIQUE À LA COUR DE VERSAILLES

A comparative study of music and musicians in Versailles where the kings of France had centralized the literary and artistic life of the country. The course will also show how modern times have changed the artistic way of life in France.

No previous musical education is necessary to take this course.

With permission of the Director, this course will be open to Section C students.

Tues., Thurs., Sat., at 12. M. LITTLE

SECTION C

Students wishing to qualify for the Certificate must take not less than *five* courses.

M.A. students must take certain courses listed on page 4029.

LANGUAGE COURSES

30. FRENCH STYLISTICS

The purpose of this course is twofold:

(*a*) To present in a new light some aspects of French as a living language. Homonymy, synonymy, the use of comparisons and images, and the syntax of informal speech will come under review.

(*b*) To help students towards a better appreciation of the literary quality and *style* of a given page through a study of *levels of speech*, and of the means at the disposal of a writer to express a given idea or thought.

A serious study of Stylistics will prove very helpful to students who aim at writing French with accuracy and elegance.

Tues., Thurs., Sat., at 11. M. NARDIN

31. ADVANCED COMPOSITION

An intensive seminar in translation from English into French. The passages translated will be taken from modern English and American writers. Written work will be assigned for each class and will be individually corrected. The size of the class will be limited to a small group.

Mon., Wed., Fri., at 10. Mlle. REVERCHON
M. LAUNAY

LIBRARY

32. ADVANCED PHONETICS

This course is open to students who have passed Course 12 (listed as Course 14 in 1948) or its equivalent.

Review of the formation of Frerch sounds and the laws governing their occurrence. Dynamics of speech (vocalic harmony, assimilation, laws of accentuation and intonation). Experimental demonstrations and checking of students' speech with chymograph, pneumograph, and voice mirror. Practice periods in the afterncons.

The course is recommended to teachers of French who wish to become familiar with the latest equipment.

Mon., Wed., Fri., at 11. M. RIGAULT

COURSES IN LITERATURE AND CULTURE

40. LE CONTE DANS LA LITTÉRATURE FRANÇAISE

L'évolution du conte réflète en petit celle de la littérature française toute entière, car le genre est assez scuple pour se plier aux exigences des modes et des écoles. Aussi l'étudiant ne sera-t-il pas surpris de voir les lectures recommandées s'échelonner sur plusieurs siècles.

Celles-ci comprendront notamment:

Fabliaux et Contes choisis du Moyen-Age et de la Renaissance

Ch. Perrault: *Contes de Fées*

Voltaire: *Contes Choisis*

Contes Romantiques de Chateaubriand, Ch. Nodier, A. de Musset, Mérimée, Balzac, Villiers de l'Isle Adam.

Contes Réalistes de G. Flaubert, Maupassant, A. Daudet, E. Zola.

Contes contemporains de A. France, P. Mille, M. Aymé, etc...

Mon., Wed., Fri., at 9. Mme. FURNESS

41. DIDEROT ET L'ENCYCLOPÉDIE: 1751-1951

Ce cours ne se bornera pas à l'étude du groupe dont Diderot prit la tête au milieu du 18ème siècle. Il comprendra également un exposé des idées philosophiques, sociales et écononiques qui firent la fortune du grand dictionnaire, et il examinera les conséquences, proches et lointaines, du

mouvement encyclopédiste sur l'histoire et la littérature françaises contemporaines.

Lectures recommandées:

Diderot: Extraits de *Lettre sur les Aveugles*
Rêve de d'Alembert
Le Neveu de Rameau
Jacques le Fataliste
Paradoxe sur le Comédien
Le Père de Famille
Les Salons

D'Alembert: *Discours Préliminaire de L'Encyclopédie*

Extraits de: Helvétius, d'Holbach, Condillac, Quesnay et Turgot.

42. VERLAINE

Le moins mystérieux des "poètes maudits" qui, à la fin du 19ème siècle, dominent le paysage poétique français. Et si varié: virtuose du vers, fantaisiste et mélancolique à la fois dans ses premiers poèmes, délicat et parfait dans *"La Bonne Chanson"*, symboliste, puis mystique, sensuel aussi. Le cours étudiera Verlaine sous tous ces aspects, mais fera surtout goûter le charme de la poésie-musique de ce pur poète lyrique.

Texte: Verlaine: *Poèmes Choisis.*

Mon., Wed., Fri., at 11. M. NARDIN

43. LA SOCIÉTÉ FRANÇAISE DANS LE ROMAN CONTEMPORAIN (1920-1950)

Tout en restant fidèle à son sujet, ce cours devra passer en revue la plupart des grands romanciers contemporains car qui dit "roman" dit "miroir de la société". Les auteurs suivants seront toutefois étudiés plus à fond:

M. Proust: *A la Recherche du Temps Perdu*
R. Martin du Gard: *Les Thibault*
Colette: *Oeuvres choisies*
F. Mauriac: *Oeuvres choisies*
G. Duhamel: *Chronique des Pasquier*
J. Romains: *Les Hommes de Bonne Volonté*

Tues., Thurs., Sat., at 12. Mme. BÉGUÉ

44. INSTITUTIONS DE LA FRANCE D'AUJOURD'HUI

Ce cours se propose d'exposer avec précision la nature des institutions actuellement en vigueur en France. Il comprendra une étude de la Constitution de 1946 et du fonctionnement du gouvernement démocratique et parlementaire. Il abordera également certaines institutions spécialisées. telles que: la justice, l'enseignement, la Légion d'Honneur, etc...

Tues., Thurs., Sat., at 9. M. LAUNAY

45. LE FRANÇAIS PAR LA MUSIQUE

Ce cours ne s'adresse pas seulement aux professeurs de Français, ni à ceux qui ont une culture musicale. Il montrera une nouvelle méthode pour apprendre—aussi bien que pour enseigner—le Français, fondée sur l'utilisation imaginative et scientifique de la musique populaire, des chants de folklore, et des ressources de la phonétique moderne.

Avec la permission du Directeur, ce cours peut être ouvert aux étudiants de la Section B.

Mon., Wed., Fri., at 12. M. LITTLE

TEXTBOOKS

Owing to the difficulty of ensuring an adequate supply of textbooks, it has not been found possible to print in this Announcement the titles of all the books which will be required for individual courses. These books will, however, be available to the students when they register. Stocks will be kept at the University Book Store, adjacent to the campus, where they can be procured.

Any edition of books for "readings" may be used.

Lists of textbooks will be ready by the end of May, and the School Secretary will mail them on request to students accepted at the School.

All students should bring with them the French grammars and dictionaries with which they are familiar.

REGULATIONS FOR THE MASTER OF ARTS DEGREE

1. All work carried on towards an M.A. degree in the French Summer School is under the control and supervision of the Department of French in the Faculty of Graduate Studies of the University.

2. REQUIREMENTS FOR THE MASTER'S DEGREE

(*a*) The student must hold the degree of B.A. from McGill University, or from another institution of recognized standing, with at least second class honours in French, or the equivalent of second class honours in French as granted by McGill University—which must include the ability to speak French fluently and a sound knowledge of French literature from 1600 to 1940.

(*b*) A student, qualified as in 2(*a*), must complete four sessions in the Advanced Section of the French Summer School with at least second class standing in the final examinations of each session.

(*c*) The student must prepare and present a thesis, written in French, which must be in some measure a contribution to knowledge. Its preparation is carried out under the direction of the French Department.

3. Students applying for admission to the Advanced Section of the Summer School, with the intention of proceeding towards the M.A. degree, should, as soon as possible, have a transcript of their academic record sent for appraisal to the Director of the School.

Students whose records are considered the equivalent of the B.A. degree with at least second class honours in French as granted by McGill University will be notified of their eligibility for future admission to the Faculty of Graduate Studies of the University. At the end of their second session they will be required to register in that Faculty as candidates for the M.A. degree, provided that they have completed the course requirements for the first two sessions.

Students who hold a B.A. degree but whose records are not considered the equivalent of the McGill B.A. with at least second class honours in French may be allowed to make up the deficiency by taking more courses during their third and fourth summer sessions. They will also register in the Graduate Faculty at the end of the second summer session, provided that they have obtained at least a high second class standing in the courses of the first two summer sessions.

M.A. students will not be required to register in the Graduate Faculty at the end of the third Summer Session, but will do so at the end of the fourth.

4. In the case of students of honours standing, the first summer session consists of five courses, the second of four courses, the third of three courses, and the fourth of two courses, each course consisting of three lectures per week. The decreasing number of courses through

the four sessions enables the student to devote more time to the preparation of his thesis, which must begin in the third session at the latest. Each student works under the guidance of a director of research who is a member of the Summer School Staff. The only listed course which may be taken for credit in more than one session is No. 31, Advanced Composition (see below).

Students may be required to take certain courses which are changed from year to year, and in any case:

30—FRENCH STYLISTICS. Students are advised to take this course during their second or third session.

31—ADVANCED COMPOSITION. A minimum mark of 65% must be obtained in the final examination of this course, irrespective of the final average for the set of courses taken during the session. The course must be repeated until this requirement has been met. As its material is varied each year, it can be taken a second summer for credit. If taken more than twice, it must then be carried as an extra course.

5. With the approval of the Graduate Faculty, one of the summer sessions, except the first, may be replaced by equivalent work in France or at another French Summer School.

FEES FOR M.A. STUDENTS

1. *School Fees.*

M.A. candidates pay the full sessional fee of $285 (tuition, room, and board) or $125 (tuition alone) for each summer session during which they take courses.

M.A. candidates who have completed the courses required for the degree but have not completed the thesis, and are attending colloquia, will be charged at the rate for a single regular course.

2. *University Fees.*

The University fee for the M.A. degree is $200. A credit of $47.50 is allowed for each session a student spends in Section C of the French Summer School. Thus a student who has attended four sessions will be required to pay only $10.00 when he registers at the office of the Dean of the Faculty of Graduate Studies at the end of his fourth session. If the presentation of the thesis is postponed beyond the May following this registration, the student will pay an additional registration fee of $10.00 at the beginning of the session in which the thesis is to be presented. Students who obtain their M.A. degree via the French Summer School are excused the "in absentia" fee.

APPENDIX

1. COUNTRIES REPRESENTED IN THE 1950 ENROLMENT

CANADA:

Alberta	New Brunswick	Quebec
British Columbia	Nova Scotia	Saskatchewan
Manitoba	Ontario	

CUBA

GUATEMALA

HOLLAND

ITALY

PHILIPPINES

UNITED STATES: 25 States

Alabama	Michigan	Pennsylvania
Connecticut	Minnesota	Rhode Island
District of Columbia	New Jersey	Tennessee
Illinois	New Hampshire	Texas
Indiana	New York	Utah
Iowa	North Dakota	Virginia
Kentucky	Ohio	Washington
Maryland	Oregon	Wisconsin
Massachusetts		

2. UNIVERSITIES REPRESENTED IN THE 1950 ENROLMENT

CANADIAN UNIVERSITIES:

Dalhousie University	University of Alberta
Marianopolis College	University of British Columbia
McGill University	University of Saskatchewan
McMaster University	University of Toronto
Queen's University	University of Western Ontario
Sir George Williams College	

AMERICAN UNIVERSITIES AND COLLEGES

Adelphi College
Allegheney College
Antioch College
Arlington State College
Barnard College
Bowdoin College
Bowling Green State University
Brown University
University of Buffalo
University of California
University of Chicago
University of Connecticut
Columbia University
Eau Claire State College
Fordham University
George Washington University
Grinnell College
Grove City College
Hanover College
Howard College
Hunter College
Indiana University
University of Kansas
University of Kentucky
Kenyon College
Michigan State College
University of Michigan
University of Minnesota
Muhlenberg College
College of New Rochelle
New York University
Northwestern University
Ohio State University
University of Oregon
Pennsylvania College for Women
Purdue University
Rutgers University
St. Mary of the Woods College
Sarah Lawrence College
Smith College
Swarthmore College
Syracuse University
Texas College of Arts and Industry
University of Utah
University of Virginia
University of Washington
Wellesley College
Wesleyan University
Western Reserve University
Wheaton College
University of Wisconsin
Yale University

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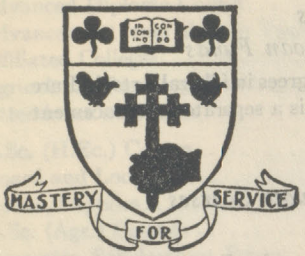


A SMALL RECEPTION ROOM

UNIVERSITY LIBRARY

Macdonald College

McGill University



Faculty of Agriculture
School of Household Science
School for Teachers
1951-1952

PUBLICATIONS

The following official publications are issued by the University and may be obtained from the Registrar's Office, McGill University, Montreal 2, Quebec

Announcements of Faculties and Schools as follows:

General Announcement
School Certificate Examinations
Scholarships, Bursaries, and Loan Funds
Faculty of Arts and Science (Degrees in Liberal Arts, in Pure Science, and in Fine Arts. There is a separate announcement for the School of Commerce)
Faculty of Medicine
Faculty of Medicine Post Graduate Courses
Faculty of Dentistry
Faculty of Engineering (Degrees in Engineering and in Architecture)
Faculty of Law
Faculty of Music
Faculty of Divinity
**Faculty of Graduate Studies and Research*
School of Commerce
Library School
School of Physical Education
School for Graduate Nurses
School of Physiotherapy
School of Social Work
**Macdonald College* (Faculty of Agriculture, School of Household Science, and School for Teachers)
French Summer School
Geography Summer School
Extension Courses

The Directory of Staff (University and Faculty administrative officers, standing committees, and officers of instruction)

The Calendar (available for distribution only to libraries and officials of certain institutions)

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* These announcements are also available through the Registrar's Office, Macdonald College.

INDEX

PAGE

Accident Insurance ... 4524
Admission ... 4537
Advanced Diploma Course ... 4536
Advancement from Year to Year ... 4581
Affiliated Colleges ... 4515
Agriculture Teaching Certificate ... 4583
Attendance at Classes ... 4519

B.Sc. (H.Ec.) Course ... 4597
Board and Lodging ... 4522
Books, Supplies ... 4524
B.Sc. (Agr.) Course ... 4537
Bursaries, Scholarships, Prizes ... 4617

Conduct of Students ... 4519
Contagious Diseases ... 4520
Courses Offered ... 4527
Courses, Detailed Description of:—
- B.Sc. (Agr.) ... 4542
- Diploma ... 4529
- B.Sc. (H.Ec.) ... 4597
- Homemakers ... 4593
- Teachers ... 4612

Courses of Study ... 4540

Degrees in Agriculture ... 4537
Degrees in Household Science ... 4597
Diploma Course in Agriculture ... 4528
Diplomas, Teachers' ... 4610

Elementary Diploma ... 4611
Entrance Requirements:—
- General ... 4527
- B.Sc. (Agr.) Course ... 4537
- Diploma Course ... 4529
- B.Sc. (H.Ec.) Course ... 4537
- Homemaker Course ... 4593
- School for Teachers ... 4606

Evaluation of Courses ... 4540
Examinations in:—
- Diploma Course ... 4534
- B.Sc. (Agr.) and B.Sc. (H.Ec.) Courses ... 4580
- Homemaker Course ... 4596
- School for Teachers ... 4610

PAGE

Examinations, Supplemental 4582
Expenses 4523
Extension Service 4630

Farm Day 4631
Farm Experience 4540
Fees 4521
Firearms 4518

General Information 4516
General Agriculture Option 4541
General Biology Option 4541
Graduate Courses 4583
Graduation Requirements 4540
Grant to Agricultural Students 4526
Guests 4521
Gymnasium Costumes 4526

Health Service 4523
High School Teachers' Diploma 4609
Homemaker Course 4593
Honour Standing 4582
Household Science, School of 4593

Illness 4520
Institute of Parasitology 4515
Intermediate Diploma 4612

Kindergarten Director's Diploma 4611

Laundry 4523
Leave of absence 4519
Library 4630
Liquor 4518
Living Expenses 4522

Major Subjects 4541
McGill Adult Education Service 4630

Outfit Requirements for Women Students 4525

Parasitology, Institute of 4515
Partial Courses 4528
Pass Standing 4582
Payments 4522
Pre-holiday Leave 4519
Prizes, Scholarships and Bursaries 4617
Probation 4518

PAGE

Quarantine 4520
Quebec Government Grant 4526

Registration 4517
Religious Instruction 4615
Requirements for Graduation 4540
Residence Rules, General 4517
Residence Rules, Women Students 4519
Room Furnishings 4524

Scholarships, Prizes and Bursaries 4617
School for Teachers 4606
Single Rooms 4522
Stewart (Walter M.) Collection 4630
Student Activities 4523
Summer Work for Students 4559
Suspension 4520
Supplemental Examinations 4582
Syllabi 4585

Teachers, School for 4606
Teachers' Diplomas 4610
Text Books 4616
Travelling Expense Refund 4609
Trips, Household Science 4524

Uniforms 4525

Visitors 4521

BISHOP'S UNIVERSITY LIBRARY

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W. E. Whitehead, M.Sc., *Assistant Professor of Entomology.*

SCHOOL OF HOUSEHOLD SCIENCE

DIRECTOR:—Helen R. Neilson, M.B.E., M.Sc., *Associate Professor of Home Economics.*

Helen L. Devereaux, M.A. (Toronto), *Lecturer in Home Economics.*

Marjorie J. Guilford, B.Sc. (H.Ec.) (Manitoba), *Lecturer in Home Economics.*

F. Isabel Honey, M.A. (Toronto), *Assistant Professor of Home Economics.*

Marjorie M. Jenkins, B.Sc. (H.Ec.) (Alberta), *Lecturer in Textiles and Clothing.*

Alice M. Stickwood, B.S., M.A. (Columbia), *Lecturer in Foods, Dietetics, and Institution Administration.*

Margaret A. Trapp, B.Sc. (H.Ec.), M.A. (Columbia), *Lecturer in Home Economics.*

SCHOOL FOR TEACHERS

DIRECTOR:—DAVID C. MUNROE, M.A., *Professor of Education; in charge of Divisions of Foundations of Education, and Practice of Teaching.*

PHYLLIS BOWERS, B.A. (Queen's), *Lecturer in Education (Primary Methods).*

PATRICIA BROWN, B.Sc. (P. Ed.), *Instructor in Physical Education.*

REV. FRANCIS A. C. DOXSEE, B.A. (Oxon), *Honorary Lecturer in Religious Instruction.*

CHARLES WAYNE HALL, M.A. (Bishop's), *Associate Professor of Education (English); in charge of the Division of Principles of Teaching.*

JAMES WILLIAMSON HAMILTON, B.A. (Toronto), F.A.G.S., *Lecturer in Education (History and Geography).*

FRANK K. HANSON, Mus.D., *Associate Professor of Education (Music), in charge of the Division of General Education.*

ARTHUR M. HENRY, B.A. (Lond.), M.A., *Assistant Professor of Education (Mathematics and Science).*

A. ELIZABETH JAQUES, *Lecturer in Education (Art).*

REV. JOHN W. KERR, B.A., *Honorary Lecturer in Religious Instruction.*

ADÈLE PÉRON, B.Sc. (P. Ed.), *Lecturer in Education (Health and Physical Education).*

RACHEL E. L. WOODBURN, B.A. (Queen's), M.A. (Middlebury), *Lecturer in Education (French).*

McGILL UNIVERSITY ADULT EDUCATION SERVICE

H. R. C. AVISON, M.A., *Director.*

HANDICRAFT DEPARTMENT

CATHERINE C. FREW, *Instructor.*

FRANCES WREN, *Instructor.*

Many officers of instruction give classes in all three schools; their names appear under that school in which the major portion of their work is done.

CALENDAR FOR SESSION 1951-52

1951

Tuesday, Sept. 4th.....Registration, School for Teachers and Agriculture Teaching Specialists.

Monday, Sept. 10th.....Registration, Homemaker students.

Wednesday, Sept. 19th.....Supplemental examinations begin, B.Sc.(Agr.) and B.Sc. (H.Ec.) courses.

Friday, Sept. 21st.....Registration, second year B.Sc. (H.Ec.) students, and B.Sc.(Agr.) students taking Ag. Eng. 39.

Friday, Sept. 28th.....Registration, B.Sc.(Agr.), B.Sc.(H.Ec.) and Third Year Diploma Course students.

Monday, Oct. 1st.....Registration, Handicrafts students. Lectures begin for B.Sc.(Agr.), B.Sc.(H.Ec.) and Third Year Diploma Course students.

Saturday, Oct. 6th.....Fall Convocation.

.....Thanksgiving Day. Date to be proclaimed. No classes.

Tuesday, Oct. 30th.....Supplemental examinations begin, Diploma Course.

Wednesday, Oct. 31st.....Registration, Diploma Course students.

Thursday, Nov. 1st.....Lectures begin, Diploma Course.

Sunday, Nov. 11th.....Remembrance Day.

.....General Assembly. Date to be announced.

Monday, Nov. 5th.....Autumn term examinations begin, School for Teachers.

Monday, Nov. 12th to.....
Friday, Nov. 23rd inc.....} First practice teaching period, School for Teachers.

Monday, Nov. 26th.....Winter term begins, School for Teachers.

Friday, Dec. 21st.....Last day of lectures before Christmas, all schools.

1952

Friday, Jan. 4th.....Lectures resumed, all schools.

Thursday, Jan. 10th.....First term lectures end, Agriculture and Household Science.

Monday, Jan. 14th.....First term examinations begin, Agriculture and Household Science.

Monday, Jan. 14th to.....
Friday, Jan. 25th inc.....} Second practice teaching period, School for Teachers.

Monday, Jan. 21st.....Second term begins, Agriculture and Household Science.

Monday, Feb. 11th.....Macdonald College Founder's Day. No afternoon classes. (*Sir William C. Macdonald, born Feb. 10th, 1831, died June 9th, 1917.*)

Tuesday, Feb. 26th.....Macdonald Royal. No classes.

Thursday, Feb. 28th.....Winter term ends, School for Teachers.

Monday, March 3rd to.....
Friday, March 14th inc.....} Third practice teaching period, School for Teachers.

Monday, March 17th.....Spring term begins, School for Teachers.

Friday, March 21st.....Last day of lectures, Diploma Course.

Monday, March 24th.....Examinations begin, Diploma Course. Supplemental examinations begin, B.Sc.(Agr.) and B.Sc. (H.Ec.) courses.

Monday, March 31st.....Session ends for Diploma Course students.

Tuesday, April 1st.....Supplemental examinations begin, Diploma Course.

Friday, April 11th to.....
Monday, April 14th, inc.....} Easter vacation.

Saturday, April 19th.....Last day of lectures, B.Sc. (Agr.) and B.Sc. (H.Ec.) courses.

Sunday, April 20th.....Baccalaureate Service, 3.00 p.m.

Wednesday, April 23rd.....Examinations begin, B.Sc. (Agr.) and B.Sc. (H.Ec.) courses.

Wednesday, April 30th.....End of session for B.Sc. (Agr.) and B.Sc. (H.Ec.) students.

Monday, May 19th.....Final examinations begin, School for Teachers and Homemaker Course.

Wednesday, May 28th.....Convocation.

Sunday, June 1st.....Divine Service, School for Teachers and School of Household Science, 3.00 p.m.

Thursday, June 5th.....Closing exercises, School for Teachers and School of Household Science. End of session.

.....Farm Day. Date to be announced.

MACDONALD COLLEGE

Macdonald College, which was founded and endowed by the late Sir William C. Macdonald, is incorporated with McGill University, and is situated twenty miles west of Montreal, at Ste. Anne de Bellevue, Que. It is composed of the Faculty of Agriculture, which includes the School of Household Science, and of the School for Teachers for the Protestant schools of the Province of Quebec.

FACULTY OF AGRICULTURE

The work of the agricultural departments of the College falls into three main divisions: teaching, research, and extension. Teaching and research form the major part of their work. Extension service is undertaken by departments as the need or opportunity may arise.

Information on extension work under the McGill Adult Education Service will be found on page 4630.

SCHOOL OF HOUSEHOLD SCIENCE

The School of Household Science is an integral part of the Faculty of Agriculture. The main function of the School is teaching, both in relation to the home and for professional service in institutions.

SCHOOL FOR TEACHERS

The School for Teachers is a School of McGill University, controlled by a committee established under an agreement with the Government of the Province of Quebec. The School trains elementary, intermediate, and kindergarten teachers for the Protestant schools of the Province of Quebec.

THE INSTITUTE OF PARASITOLOGY

This Institute, located at Macdonald College, is governed by a joint committee of the National Research Council and McGill University, and has, as its main functions, the prosecution of research on animal parasites and the instruction of graduate students.

ASSOCIATED COLLEGES

By special agreement, certain institutions have arranged to provide their students with a course of study substantially equivalent to the first two years in Agriculture and Household Science at Macdonald College. Students who have satisfactorily completed such a course of study and are specifically recommended by the authorities of their college are permitted to enter the third year at Macdonald College.

The following are the Institutions with which the foregoing arrangement exists:—

Nova Scotia College of Agriculture, Truro, N.S.
(Agriculture);

Prince of Wales College, Charlottetown, P.E.I.
(Agriculture and Household Science);

Memorial College, St. John's, Newfoundland
(Household Science).

GENERAL INFORMATION

POST OFFICE ADDRESS

There is a post office in the main building, and all mail should be addressed simply: Macdonald College, Que.

RAILWAYS

Ste. Anne de Bellevue, Que., is on the main lines of the Canadian National Railways and of the Canadian Pacific Railways, 20 miles west of Montreal. The local stations are but a short walk from the College. Baggage checks should be surrendered at the Administration Office, Room 11, Main Building, where arrangements will be made for the transfer of baggage upon entering and leaving College.

FREIGHT AND EXPRESS

The address for express or freight parcels is:—Ste. Anne de Bellevue (Jacques Cartier Co.), Que.

TELEGRAMS

Telegrams should be addressed:—Macdonald College, Ste. Anne de Bellevue, Que.

TELEPHONES

Administrative:—Ste. Anne de Bellevue, No. 335.

Men's Residence:—Ste. Anne de Bellevue, No. 9082, 9086.

Main Building Dormitory:—Ste. Anne de Bellevue, Nos. 9003, 9088.

Harrison House:—Ste. Anne de Bellevue, No. 407.

Women's Residence:—Ste. Anne de Bellevue, No. 9008, 9095.

HIGHWAY

The Quebec provincial highway No. 2 passes through Ste. Anne de Bellevue.

BANK AT STE. ANNE DE BELLEVUE

The Bank of Montreal.

CHURCHES

The following denominations are represented at Ste. Anne de Bellevue:

Church of England in Canada,
Roman Catholic Church in Canada,
United Church of Canada.

Students of all religious denominations are free to enter Macdonald College. The regulations of the Council of Education of the Province of Quebec apply only to students in the School for Teachers.

LIBRARY

ADMISSION

A form of application for admission to the Faculty of Agriculture, including the School of Household Science, will be found at the end of the Announcement. Prospective students must read the details relating to entrance requirements.

Prospective students of the School for Teachers are referred to page 4606.

REGISTRATION

Students are required to register before 4 p.m. on the opening day of each session of the Faculty or School in which they have been accepted,and before entering residence to obtain a residence card from the Secretary's Office. Registration at a later date is permitted only to those who obtain the consent of the Dean or Director of the Faculty or School concerned.

Students are not permitted to enter any class until they have registered.

Upon registering students are required to sign the following declaration:—"I hereby accept and submit myself to the rules and regulations of Macdonald College, and of the Faculty or School thereof in which I am registered, and to any amendments thereto which may be made while I am a student of the College, and I promise to observe the same."

RESIDENCE

All regular students are required to live in residence.

Due to the necessity of accommodating conventions and short courses during the summer months, resulting in a limited time available for repairs and cleaning, no student will be admitted to residence before the date set for registration in the course for which he or she has been accepted. Nor may a student remain in residence after the session ends, nor during the Christmas holidays (see page 4522). Exceptions to this rule will be made in the case of certain student officers whose duties require their presence before the opening date, members of the football team who have been accepted for pre-season training, students preparing for supplemental examinations and other students under exceptional circumstances by permission of the Warden.

Students returning early to write, or prepare for, supplemental examinations, may enter residence, by special permission, not earlier than one week before the date of their first examination. Application for residence accommodation must be sent with the application for supplemental examination, before September 1st. The charge for room and board for this period will be $10.50 for a week or any part of a week.

Students may not invite relatives or friends to stay overnight in the residence without permission from the Housekeeper or Warden of Residence.

For the admission of visitors to the Dining Room tickets must be procured in advance from the Office of the Dietitian, Women's Residence.

Students are held responsible for the care of their rooms and of their furnishings.

Students are recommended to mark clearly, in indelible ink, before coming to the College, all articles of wearing apparel, sheets, pillow cases, etc.

Detailed regulations are printed separately and issued to students after arrival.

CONDUCT AND ATTENDANCE

The general responsibility for the maintenance of discipline in each Hall of Residence is vested in a Warden, but, through a system of self-government, students are encouraged to accept the greatest possible amount of responsibility in connection with their own affairs. Enforcement of necessary regulations, exaction of disciplinary measures, and regulation of conduct *in and out of residence*, is largely in the hands of a House Committee for each residence, elected by the students from among their own number.

Matters of discipline connected with or arising from the general arrangement for teaching within a Faculty or School are under the jurisdiction of the Dean of the Faculty or Director of the School concerned.

Students may be admonished by a professor or instructor for improper conduct and may be reported to the Dean or Director concerned. If considered advisable, such conduct shall be reported to parents or guardians.

Students found guilty of immoral, dishonest, or other improper conduct, the violation of rules, or wilfully causing damage to persons or property, shall be liable to College discipline, which includes the power of expulsion (subject to the approval of the Senate of McGill University), of suspension from classes or residence (in the case of women students, confinement to residence), of exclusion from all College functions, including class or society meetings, plays, dances, etc., of disqualification from competing for honours or prizes, and of levying of fines. Fines may also be imposed or assessments made for damages made by individuals or groups of students.

Bringing liquor into the College is considered a serious breach of discipline, and students who indulge in the use of liquor, or who frequent places where it is sold, may be required to withdraw from the College.

Students are not permitted to bring firearms into their rooms, nor is the use of firearms allowed on the College grounds.

Gambling is not permitted on College property.

Unauthorized entrance to the Women's Residence by men students, or to the Men's Residence by women students, will result in immediate suspension of the guilty persons, followed by expulsion proceedings.

MACDONALD AGRICULTURAL LIBRARY

Students are requested not to make application for additional leave either before or after holiday periods, as such leaves can only be granted in case of illness or other exceptional circumstances.

For late registration or for absence from classes on the last day before or the first day following a holiday period, there will be a penalty of $3.00 for each day or part of a day.

During illness students are under the direction of the Medical Officer and may not leave the residence or infirmary without his express permission.

Punctual attendance at all classes, laboratory periods, tests, etc., is expected of all students. Absences can only be excused on the ground of necessity or illness, of which proof may be required. Special attention is called to the fact that the completion of all laboratory work is obligatory and the opportunity to make up work missed can only be provided in the case of properly excused absences.

The College has the power to refuse examinations to those students who persist in absenting themselves from classes without permission.

Any student who is unwilling to submit cheerfully to the restrictions of college life, whose conduct does not furnish satisfactory evidence of diligence and earnestness of purpose, or whose work is definitely unsatisfactory, may be placed on probation, or may be required to withdraw from the college. Degrees of probation are: 1. The student on probation is permitted to remain on trial, subject to satisfactory work and conduct; 2. The student on probation is not allowed to participate in competitive events, and is not permitted to take part in plays or other activities involving undue loss of time.

LEAVE-OF-ABSENCE

WOMEN STUDENTS

In order to avail themselves of leave privileges, women students in residence must present at the beginning of the session a form signed by parent or guardian giving general permission or specifying the manner in which leave may be spent. Forms for this purpose, and details of leave allowances, will be sent to all students before the date set for registration

The amount of leave permitted is based on the student's year. A student is entitled to the leaves accorded those in her year only while in good academic standing. Conditioned students in the second, third or fourth year have the allowances granted to the year below.

Except in cases of emergency, telephone messages or telegrams requesting leave of absence for women students will on no account receive consideration.

Students wishing to stay at hotels, lodges, etc., while on leave, or to go on skiing trips, are required to have the written consent of their parents to do so.

On no account shall a student be absent from college without having complied with the regulations regarding registration of leaves, or without the knowledge and consent of the Warden. Absence from College without permission is a serious offence which renders the student liable to instant suspension or dismissal. If prevented from returning after an absence, due to illness or other cause, students must advise the Warden immediately, and these students must report to the Warden's office immediately upon their return.

Students are urged to have dental work attended to before entrance, though dental appointments will be allowed in cases of urgency. Appointments to visit a physician are allowed on production of a letter from the physician indicating the date and hour of the appointment.

All correspondence regarding the conduct of women students in residence should be addressed to The Warden, Women's Residence, Macdonald College, P.Q.

MEN STUDENTS

First Year Diploma and Degree students must obtain permission from the Dean should they wish to have overnight leave-of-absence. All students who expect to be absent from the College should leave some record of their movements.

CONTAGIOUS OR INFECTIVE DISEASES

Students on holiday, or accepted candidates for admission, who become subject to an attack of any contagious or infective disease, or who reside in any dwelling in which any such disease exists, shall be subject to the following quarantine regulations:—

	Quarantine to be required after last exposure to infection.	Earliest date of return or admission to College after an attack.
Scarlet Fever....	14 days	Six weeks, and then only if no desquamation or sore throat.
Diphtheria.....	12 days	Three weeks, if convalescence is complete, provided two negative throat cultures at least twenty-four hours apart have been obtained.
Measles.....	16 days	Three weeks, if all desquamation and cough have ceased.
Whooping-Cough.	21 days	Six weeks from commencement of whooping, if the characteristic spasmodic cough and whooping have ceased. Earlier if all cough has gone.
German Measles .	16 days	Two or three weeks, according to the nature of the attack.
Mumps.....	24 days	Two weeks after the disappearance of all swelling.
Influenza.....	14 days	Two weeks after disappearance of definite symptoms of influenza.
Typhoid.....	21 days	Four weeks if all symptons have disappeared and convalescence is complete.
Small-pox.....	16 days	Two weeks after the desquamation (which follows the falling of scales) has completely terminated.
Chicken-pox.....	14 days	Ten days after the desquamation has completely terminated.

In all cases of students, or accepted candidates for admission, suffering from, or coming in contact with those suffering from any contagious or infective disease, a medical certificate shall be required before they are allowed to return to the College.

VISITORS TO STUDENTS

Saturday is visitor's day. In the afternoon, students are free to see their friends and show them around the buildings and grounds. Men visitors to women students are allowed only in the reception rooms in the Women's Residence, and only on specially arranged occasions.

MUSIC

Music finds a place in the recreative and social activities of the College. Concerts, organ recitals, lectures, etc., will be given from time to time. It is suggested that those having musical instruments should bring them.

FEES—TUITION

The College reserves the right to make changes without notice in its published schedule of tuition, board and residence, and other fees.

Course	Consolidated fee*	Student Activities		First instalment of room and board	Due on entrance	
		Men	Women		Men	Women
B.Sc. (Agr.)	150.00	17.00	12.00	43.00	210.00	205.00
Diploma						
Children of farmers of the Province of Quebec, the Ottawa valley in Ontario, and the Maritime Provinces	20.00†	11.55	12.00	42.00	73.55	74.00
All others	100.00	11.55	12.00	42.00	153.55	154.00
Partial students						
All years, plus tuition at the rate of $10.00 per course per term	34.00	17.00	12.00	43.00	94.00	89.00
B.Sc. (H.Ec.)	175.00	—	12.00	43.00	—	230.00
Homemaker						
Children of farmers of the Province of Quebec	25.00	—	12.00	47.00	—	84.00
All others	300.00	—	12.00	47.00	—	359.00
School for Teachers, all classes	34.00†	13.35	12.00	49.00	96.35	95.00
Agriculture Specialist Certificate	150.00	13.55	12.00	49.00	212.35	211.00

*Includes the following fees: registration, tuition, laboratory, medical and nursing, use of laundry rooms, breakage.

†No tuition fee is charged in these courses.

BOARD AND LODGING

The fee for board and lodging is on a sessional basis, as follows:

Course	Total for Session	By Instalments	
		On Entrance	Monthly Thereafter
B.Sc. (Agr.)	$ 295.00	43.00	42.00
Diploma	210.00	42.00	42.00
B.Sc. (H.Ec.)	295.00	43.00	42.00
Homemakers	375.00	47.00	41.00
School for Teachers	385.00	49.00	42.00
Agriculture Specialist Certificate	385.00	49.00	42.00
Graduate students	$10.50 per week, monthly in advance		

The above sessional fees cover board and lodging for the College session exclusive of the Christmas holidays.

Students are not encouraged to remain in residence during the Christmas holidays. If, however, due to exceptional circumstances, special permission to remain in residence has been obtained from the Warden, the cost for room and board for this period will be $10.50 for a week or any part of a week.

SINGLE ROOMS

There is an extra charge for occupancy of the few single rooms in each residence. The sessional rates for single rooms may be obtained on application to the Secretary.

PAYMENTS

All fees are payable in advance. There is no refund of tuition fees to students who leave for any cause other than personal illness, nor to those who are dismissed for neglect of work or violation of the rules.

No refunds of payments made on account of board and lodging will be made except to students who permanently leave the residence for cause during the session.

Payment for board and lodging may be made in monthly instalments, on entrance and on the first of each month thereafter, as shown above. Payment may be made in larger instalments if desired.

Students who fail at any time to make payment for board and lodging promptly on the first of each month *will be charged $2.00 extra* for each time such failure occurs.

A list of the registered students whose accounts with the Secretary are in arrears will be sent to the Dean or Director of the Faculty or School concerned, on receipt of which the Dean, or Director, shall cause their

MACDONALD COLLEGE LIBRARY

names to be struck from the registers of attendance, and such students cannot be readmitted to any class or residence except on presentation of a special notice signed by the Secretary, certifying to the settlement of such account.

The Administration Office will be open to receive payments from 9 a.m. to 4.30 p.m. daily—except Saturday, on which day the hours will be from 9 a.m. to 12 noon.

All cheques, money orders, etc., should be drawn to the order of "The Secretary, Macdonald College," to whom all remittances, orders for dress material, etc., must be directed.

MISCELLANEOUS EXPENSES

STUDENT ACTIVITIES

Students entering the College are reminded that there are various student activities, such as the athletic associations, literary societies, class societies, etc., which they are expected to join. These affairs are in the hands of the students themselves, and the expenses of these organizations amount, for the session, as follows:—

	Men	Women
Degree Course students	$ 17.00	$ 12.00
Diploma Course students	11.55	12.00
Homemaker students	....	12.00
School for Teachers students	13.35	12.00

At the request of the students themselves, the above fees will be collected from all students for the support of the athletic associations, literary societies, skating rink, accident insurance, etc.

MISCELLANEOUS FEES

Supplemental examinations, per paper	$ 2.00
Official transcript of record	1.00
Conferring degree *in absentia*	10.00

LAUNDRY SERVICE

Weekly laundry service at moderate prices is provided by a Montreal laundry to which students may send their personal washing, sheets, pillow covers and towels. Printed lists will be furnished, two copies of which, properly filled out, must accompany each parcel. Fully equipped laundry rooms are also provided in each residence for students' use.

HEALTH SERVICE

Medical and nursing attendance, major operations and illness excepted, will be provided to all students while in attendance at the College.

If a student's admission to a city hospital is ordered by the College Medical Officer, one half of all public ward charges is paid by the College, provided that the total obligation assumed by the College does not exceed $125.00 in any one session for any one student. Should a student desire private accommodation, the difference in cost must be borne by him.

This contribution towards hospital expenses is made only when the illness or other condition requiring hospital treatment was not present or was unknown or undetected at the time of admission.

A charge of 25 cents extra per meal will be made for all meals served in a student's room or outside the dining room, such meals being provided only when approved by the Resident Nurse.

During the session, all students are covered by a group accident insurance policy, the premium for which is included in the student activity fee.

BOOKS

Books, etc., in connection with the various courses may be purchased at the College Book Shop. In order to reduce the expense of textbooks as far as possible to individual students, an arrangement has been made whereby students of the School for Teachers will pay to the Secretary the sum of $2.00 per session for the use of books in certain departmental libraries; this will save students the necessity of purchasing individual copies of expensive books.

HOUSEHOLD SCIENCE TRIPS

Students in Household Science are taken to visit various institutions in connection with their work, from time to time during their course, more especially in the senior years. Each student is responsible for her own expenses, which are kept to the minimum amount.

SUPPLIES

Material and supplies required for classes in Textiles and Clothing are provided by the students concerned and purchased at the direction of the instructor.

ROOM FURNISHINGS

Bedrooms are furnished with closets, beds, mattresses, blankets, pillows, and the necessary furniture.

Each student is expected to provide his or her own laundry bag, toilet soap, drinking glass, four sheets, about 90 inches long, 60 inches wide; two pillow covers, 34 inches long, 20 inches wide; hand towels and bath towels.

Each room is provided with picture moulding. Students are permitted to bring rugs, pictures, etc., but are not allowed to drive tacks or nails into walls or woodwork, nor to paste pictures on the walls.

Women students are required to provide sash curtains and curtain rods for the windows in their rooms.

MCGILL UNIVERSITY LIBRARY

OUTFIT REQUIREMENTS FOR WOMEN STUDENTS

SCHOOL OF HOUSEHOLD SCIENCE:—Three uniforms are necessary in first year and in Homemakers; 2 additional uniforms are required on entering t hird year. The material required is from 3½ to 4 yards for each uniform (12 yrs., 3½ yds.; 14 yrs., 3¾ yds.; 16 and 18 yrs., 4 yds.). It is 32 inches wide, 90 cents per yard and is obtained from the Secretary on receipt of amount covering quantity required. The material must be shrunk before being made up and to allow for further possible shrinkage, skirts should be made with a four-inch hem. Skirt should be of reasonable length according to present fashions, but not longer than thirteen inches from the floor. Sleeve should be just above the bend of elbow on the inside and finished with a 1¾ inch horizontal band. Shoulder pads may be used, in keeping with the shoulder line.

Pattern for the dress will be enclosed with dress material for fifty cents additional. Dresses must be made according to this pattern with matching belt and 3 or 4 removable pearl buttons 7½ cents each, at College Book Shop. Dress pattern comes in sizes 12, 14, 16, 18, 20. Be sure to specify size required when ordering.

Collars.—Special white collars are to be worn with the dress and fastened by a bar pin, both of which should be obtained from the College Book Shop. A collar must be obtained with the uniform material and be used in determining the opening at the neck of the blouse, which should be cut only low enough to permit of the collar being fastened in front by the bar pin. In addition to the pin the only jewellery permitted to be worn with the uniform is a watch and a class pin or class ring.

Aprons.—Four aprons of white cloth or linen, coming to within two inches of the bottom of the dress, are necessary for work at cookery classes. One coloured apron is required, the material to be the same as that of the uniform. Material required—3½ to 4 yards. This apron is required in first year by everyone.

Aprons should be made from a standard nurse's apron pattern, with gored skirt and bib top.

Towels.—Four small white huckaback hand towels, one-half yard long, with a button-hole in one corner to button to waistband.

Potholders.—Two, each six inches square, covered with dress material and a bias binding of same, with a white tape to button to waistband.

White aprons, towels and potholders are not required by B.Sc. (H.Ec.) students until they enter the second year.

All the above pieces must be marked clearly in indelible ink with student's name.

Shoes.—White *oxfords* with low rubber heels are required. Stockings must also be white.

Workbasket.—Equipped with scissors, tape line, thimble, etc., for clothing classes.

The uniform is worn at all classes and must be complete at all times. Prospective students are requested to note carefully the regulations with reference to it. If in doubt in regard to any detail, write to the Director of the School for information.

Candidates for admission should await notice from the College of their acceptance before ordering uniform material.

SCHOOL FOR TEACHERS:—Women students of the School for Teachers will wear a uniform consisting of a Macdonald tartan kilt and a coloured blouse. Details will be sent with the letters of acceptance.

Comfortable brown shoes with low rubber heels are required; stockings must correspond in colour.

The uniform is worn at all classes, and prospective students are requested to note carefully the regulations with reference to it. If in doubt in regard to any detail write to the Director for information.

A smock of printed material (cretonne) is useful when teaching certain subjects and when engaged in practical work.

Candidates for admission should await notice of their acceptance before ordering uniform material.

GYMNASTIC COSTUME

Women students taking work in the gymnasium will be required to wear the regulation gymnastic costume consisting of a tunic, shirt waist, briefs, and short, white woollen socks and running shoes. The tunic and briefs must be bought at the College Book Shop: the current price is $5.50 and $1.25, respectively.

Students wishing to swim must provide themselves with bathing suits.

PROVINCIAL GOVERNMENT GRANT

The Department of Agriculture of the Province of Quebec grants to each graduate and undergraduate student in Agriculture who belongs to the Province of Quebec, and is registered for regular courses, $15.00 per month of attendance in studying according to the time table in the Faculty of Agriculture, Macdonald College, to apply on board and lodging. This amount will be paid in two instalments, in January and in May.

MACDONALD COLLEGE LIBRARY

Faculty of Agriculture

The following courses of study are offered in the Faculty of Agriculture:—

I. **Courses in Agriculture**—

Partial Courses (page 4528).

A two-year Diploma Course (page 4528).

Advanced Diploma Course (page 4536).

A four-year Course leading to the Degree of Bachelor of Science in Agriculture, (B.Sc. [Agr.]) (page 4537).

Graduate Courses in the Faculty of Graduate Studies and Research McGill University (page 4583).

II. **Courses in Household Science:**—

Partial Courses (page 4593).

A one-year (Homemaker) Course (page 4593).

A four-year Course leading to the Degree of Bachelor of Science in Home Economics (B.Sc [H.Ec.]) (page 4597).

III. **Specialist Teaching Certificate:**—

Offered in collaboration with the School for Teachers (page 4583).

ENTRANCE REQUIREMENTS

GENERAL

All candidates for admission:—

1. Except where otherwise provided, must have passed their seventeenth birthday.
2. Must produce satisfactory evidence as to moral character.
3. Must produce medical certificate of physical health on forms supplied by the College. A certificate of vaccination must be attached as follows:—(a) Successful vaccination within seven years; or, (b) Immunity to vaccine after two recent unsuccessful vaccinations—such certificate of immunity to be good for five years from date.

When the number of women candidates is in excess of the accommodation, preference will be given to those from the rural districts of Quebec, the Maritime Provinces, and Eastern Ontario.

PERMISSION TO STUDY

Every candidate for admission to the Degree Course in Agriculture must, before beginning his course, obtain approval of his application from La Corporation des Agronomes, if he intends to practise as a professional agriculturist in the Province of Quebec after graduating. Forms of

Application for Permission to Study and full particulars may be obtained from La Corporation des Agronomes de la Province de Québec, Room 410, 10 St. James St. W., Montreal, or from the Registrar, Macdonald College.

Failure to comply with the regulations of the Corporation may cause a delay of a year or more before the candidate may be legally authorized to practise his profession in the Province of Quebec. Application for permission to study must be made before August 1st, 1951.

COURSES IN AGRICULTURE—

PARTIAL COURSES

Partial courses may be taken as follows:—

1. In one or more courses of the B.Sc. (Agr.) curriculum by matriculated students who shall be designated partial students of the Degree Course.

2. In one or more courses of the Diploma Course curriculum by students who shall be designated partial students of the Diploma Course.

3. At the option of the Dean and the departments concerned, partial students of the Diploma Course may be permitted to follow certain courses of the Degree Course curriculum, though not for credit towards a degree. Such students shall pay the tuition fees applying to courses of the Degree Course curriculum.

The main purpose of the Partial Course is to enable students from other faculties or other universities to integrate their previous courses with those at Macdonald College. No student proceeding to a degree will be permitted to register for more than one session as a partial student. Applications in all cases must be approved by the Dean of the Faculty of Agriculture, and registration must be made in the regular way before students enter upon their work.

For regulations regarding fees applicable, see page 4521.

DIPLOMA COURSE

This is a two year course of five months' duration in each year commencing about November 1st, and finishing about March 31st. It affords a special opportunity of spending one or two winter seasons in studying Agriculture, and the time is selected with a view to interfering as little as possible with farm operations. It is intensely practical in character and is designed with the following objects in mind:—To give the largest amount of information and training in practical agriculture in the shortest possible time; to equip the student for solving his future problems; to awaken him to the many opportunities on the farm; to give him an inspiration in his agricultural work; and to enable him to fill a more useful place in rural citizenship.

The work of the first year is taken by all students in common; in the second year a student may choose subjects that have to do either with livestock farming or fruit farming. A diploma will be granted to each student who completes the two years' work successfully.

DIPLOMA COURSE ENTRANCE

1. For General Requirements, see page 4527.

2. All candidates for admission to the Diploma Course must have passed their sixteenth birthday and will be required to read and write the English language acceptably, to be proficient in the use of arithmetic and to demonstrate a practical knowledge of farm operations.

DIPLOMA COURSE SYLLABUS (See page 4585)

DESCRIPTION OF DIPLOMA COURSES

AGRICULTURAL ENGINEERING

1. FARM MACHINERY

(a) A study of the gas engine as applied to stationary purposes, the automobile and the tractor.

(b) Implements and Machinery. The use and adjustments of tillage and harvesting machinery.

1st Yr.:—2 lects., 1 lab., per wk., 1st term. *Professor Malloch*

2. FARM CONSTRUCTION

(a) Farmstead planning including the arrangement of the various buildings, the planning of houses and barns; fences and fencing.

(b) Carpentry and concrete work.

1st Yr.:—1 lect., 2 labs., per wk., 2nd term.

6. LAND DRAINAGE

(a) The water table and its control; surface drains and underdrainage.

(b) Farm Sanitation. Water supplies and water systems, methods of sewage disposal.

2nd Yr.:—2 lects., 2 labs., per wk., 1st term.

7. FARM SHOPWORK

Blacksmithing, rope splicing, soldering and farm plumbing.

2nd Yr.:—1 lect.. 2 labs., per wk., 2nd term. *Professor Cooper*

Text Book:—Jones—Farm Shop Practice.

AGRICULTURE

1. A general course on Agriculture designed to give the student a proper conception of farming as an occupation and an appreciation of some important considerations in the selection and operation of farms.

1st Yr.:—1 lect. per wk., 2 terms. *Professor Hamilton*

AGRONOMY

1. SOILS AND SOIL MANAGEMENT

Classes of soil, tillage, rotation, manuring, fertilizers, liming, drainage, etc., will be studied with a view to enabling the student to manage the soil on his own farm to best advantage.

1st Yr.:—3 lects. per wk., 1st term. *Professor Lods*

3. HAY AND PASTURE CROPS

These crops will be studied from the standpoints of their importance, varieties, culture and management.

1st Yr.:—2 lects., 1 lab., per wk., 2nd term. *Professor Steppler*

5. CORN AND ROOT CROPS

As with Hay and Pasture Crops.

1st Yr.:—3 lects. per wk., 2nd term. *Professor Raymond*

7. CROP MANAGEMENT

Factors determining the crops to grow, cropping schemes for typical situations in Eastern Canada. Fertilizers and seed will be given further attention in this course.

2nd Yr.:—2 lects., 1 lab., per wk., 2nd term. *Professor Raymond*

9. GRAIN CROPS

As with Hay and Pasture Crops.

2nd Yr.:—2 lects., 1 lab., per wk., 1st term. *Professor Lods*

ANIMAL HUSBANDRY

1. FARM LIVE STOCK

Commercial types and classes of farm stock, their care and management; feeding; breeding; and judging.

1st Yr.:—3 lects., 2 labs., per wk., 1st term; 2 lects., 2 labs., per wk., 2nd term. *Professor Hamilton and Mr. Moxley*

6. FARM LIVE STOCK

A continuation of course 1, but dealing particularly with purebred stock.

2nd Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professors Ness and Hamilton*

LIBRARY

7. LIVE STOCK BREEDING

In this course the more important basic principles underlying breeding practice are considered. Selection of breeding animals is studied in the light of what is known in regard to reproduction, transmission of characters, heredity, and environment.

2nd Yr.:—2 lects. per wk., 2nd term. *Mr. Moxley*

ANIMAL NURSING

6. The course will cover situations usually encountered by farm managers and herdsmen.

2nd Yr.:—2 lects., 1 lab., per wk., 2nd term. *Dr. Dale*

BACTERIOLOGY

1. AGRICULTURAL BACTERIOLOGY

Bacteria in relation to soil fertility, milk, water, and diseases; food preservation and food poisoning.

1st Yr.:—1 lect., 1 lab., per wk., 2nd term *Professor Wallace*

BOTANY

1. AGRICULTURAL BOTANY

The course consists of a study of the fundamentals of growth and reproduction processes in plants. The botany of economic plants will be studied as much as possible and consideration given to weeds and weed seeds and their control.

1st Yr.:—2 lects., 1 lab., per wk., 1st term. *Professor Coulson*

CHEMISTRY

1. Elementary Chemistry, with applications to soils, fertilizers, feeding stuffs, and insecticides and fungicides.

1st Yr.:—2 lects., 1 lab., per wk., 2nd term. *Professor DeLong*

DAIRYING

6. A study of the composition of milk, the production of quality milk on the farm, pasteurization, butter and cheese processes. Testing dairy products, separating milk, butter and cheese making.

2nd Yr.:—2 lects., 2 labs., per wk., 2nd term. *Mr. Turgeon*

ECONOMICS

7. ECONOMIC PROBLEMS OF THE AGRICULTURAL INDUSTRY

A survey of the production and marketing of the principal farm products. The place of agriculture in the Canadian economy, its economic problems and prospects.

2nd Yr.:—2 lects., 1 lab., per wk., 1st term. *Professor Burton*

8. FARM ACCOUNTS AND FARM MANAGEMENT

A system of single entry farm accounts involving inventories, cash receipts and expenses; a system of production records; the analysis of farm account and production records as a means of improving efficiency of production; farm income tax. A study of the economic guides to farm management decisions. A farm visit followed by (1) detailed study of the farm visited, and (2) the development of alternative farm management plans using the budget method.

2nd Yr.:—3 lects., 1 lab., per wk., 1st term. *Professor MacFarlane*

ENGLISH

The students will be divided into a Senior and a Junior Group according to their attainments in English Speech and Literature:—

2. Literature, written composition and public speaking are included in the course.

1st Yr.:—3 lects. per wk., 2 terms. *Professor Hall*

7. Lectures and laboratory work include a supervised reading course; instruction in practical forms of writing, the conduct of public meetings, and debating and discussion methods.

2nd Yr.:—1 lect., 1 lab., per wk., 2 terms. *Professor Avison*

ENTOMOLOGY

3. An elementary treatment of the structure, habits, classification and control of insects.

1st Yr.:—2 lects., 1 lab., per wk., 1st term. *Professor Morrison*

HORTICULTURE

4. GENERAL HORTICULTURE

A course dealing with the principles of farm horticulture, including the home garden, the propagation of plants, seed sowing, the improvement of the home surroundings, the farm orchard, and small fruits plantations.

1st Yr.:—1 lect., 1 lab., per wk., 2 terms. *Professor Nussey and Mr. Pettit*

6. VEGETABLE GARDENING

The production of vegetables with reference to climate, soils, fertilizers, seeds, spraying, harvesting, grading, packing, storage, marketing and canning, with practical instruction in the greenhouse and laboratory throughout the course.

2nd Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professor Murray*

7. ORNAMENTAL GARDENING

Foundation planting; choice and care of ornamental trees, shrubs, vines, and flowers for the home grounds, and the making and care of lawns. Some instruction will be given in commercial floriculture.

2nd Yr.:—2 lects., 1 lab., per wk., 1st term. *Mr. Pettit*

8. FRUIT GROWING

A practical study of orchard and small fruit production, including propagation, soils, fertilizers, culture, and other related phases, including spraying, harvesting, marketing, and storage. One lecture per week during the second term will be used for complementary work on cold storage, by-products, etc.

2nd Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professor Nussey*

MATHEMATICS

1. A review of elementary arithmetic; decimals, percentage, ratio and proportion, mensuration, agricultural problems.

1st Yr.:—1 lect., 1 lab., per wk., 2 terms.

NUTRITION

6. FEEDS AND FEEDING

A study of common animal feedingstuffs, and of their use in livestock feeding.

2nd Yr.:—2 lects. per wk., 1st term. *Professor Ashton*

PHYSICS

6. An elementary course dealing with the fundamental principles of Physics and their application in agricultural practice.

2nd Yr.:—1 lect., 2 labs., per wk., 1st term. *Professor Oliver*

PLANT PATHOLOGY

6. PLANT DISEASES

Studies of important plant diseases in horticultural crops, including losses, symptoms, cause, and spread.

2nd Yr.:—(Fruit Farming Group):—2 lects., 1 lab., per wk., 2nd term. *Professor Coulson*

POULTRY HUSBANDRY

1. PRODUCTIVE POULTRY HUSBANDRY

The elements of poultry production and marketing applicable to general farm use. A study is made of the various breeds of chickens, ducks, geese, and turkeys and their general management through a complete production cycle.

1st Yr.:—2 lects., 1 lab., per wk., 2 terms. *Professor Nikolaiczuk*

6. POULTRY MANAGEMENT PROBLEMS

The economic significance of the various factors influencing production returns on the basis of poultry management.

2nd Yr.:—2 lects., 1 lab., per wk., 2nd term. *Professor Maw*

PROJECT

6. Second year students are required to submit a project in the form of an essay and a questionnaire to be handed in not later than March 15th. The project work shall comprise outlining in detail the present organization of a farm business and the crop and livestock practices used on the farm. This shall include actual or carefully estimated farm costs, farm returns, and net income which might be expected under normal conditions from the present farm business. It shall also comprise the development of an alternate farm plan aimed at improving the productivity and income of the farm. This shall include a careful appraisal of the costs involved and a statement as to how and when the proposed changes are to be made. An analysis of the proposed plan indicating its advantages together with a compilation of the costs, returns, and net income, which might normally be expected during one year's operation under average conditions, is also required.

Questionnaire forms for organizing the necessary farm facts will be distributed before the close of the first year. They must be filled in during the summer and submitted as a part of the project.

The project will rank as a subject with an allowance of 100 marks and will become the property of the College.

2nd Yr.:—The equivalent of 2 labs., per wk., 2 terms.

Supervising Committee:—*Professor Hamilton (Chairman), Professors Cooper, MacFarlane, and Nikolaiczuk*

DIPLOMA COURSE EXAMINATIONS

All students will be required to give satisfactory evidence of mastery of the material of lecture and laboratory. Examinations will be held at the end of the first term in all courses given and at the end of each course. The examiner will pass in to the Registrar the final mark giving the standing of each student in all the work of the course.

Students who obtain 75 per cent and over are placed in the first class: those who obtain 60 and less than 75 per cent, in the second class: and those who obtain 40 and less than 60 per cent, in the third class.

For purposes of evaluation a full course shall be two lectures and two laboratory periods per week for one term or its equivalent and shall be rated at 100 marks. One lecture equals one laboratory period. More or less than full courses shall be rated proportionately. Students conditioned in papers of an aggregate value of 250 marks or less will be required to write supplemental examinations in those subjects. Students conditioned in papers having an aggregate value of more than 250 marks will be considered as having failed in the year's work.

Students who fail in the first year of the Diploma Course in Agriculture will not be permitted to repeat the year, except by special action of the Faculty of Agriculture.

A student who is allowed to repeat a year may, by special permission, be exempted from attending lectures and passing examinations in one or more subjects in which he has already passed creditably and be required to take one or more subjects of the following year in his course. The choice of subjects must involve no conflict of hours in the time table.

Examination in any subject may be refused because of absence without accepted excuse from one or more classes in the subject. See page 4519.

REGULAR SUPPLEMENTAL EXAMINATIONS

A regular supplemental examination is a first supplemental examination in a subject.

Regular supplemental examinations will be held immediately preceding the opening of lectures in October, on a date or dates to be fixed; and following the sessional examinations in the spring.

A first supplemental examination in a subject, not involving the preparation of a special paper, may also be arranged in conjunction with the regular sessional examinations.

SPECIAL SUPPLEMENTAL EXAMINATIONS

Supplemental examinations taken at other times than those appointed, and supplemental examinations taken subsequent to a first supplemental examination, will be considered as special supplementals and must be arranged with the Registrar.

Every candidate for either a regular or a special supplemental examination is required to fill out an application form for such examination and to return it with the necessary fee ($2.00 per paper) at least three weeks before the examination begins. Application forms may be obtained from the Registrar.

No student writing a supplemental examination in a subject shall be granted marks higher than the required pass mark—i.e., 40 %.

ADVANCED DIPLOMA COURSE

Students who obtain at least high second-class standing in each year of the Diploma Course, may continue for a further year. For admission to the third year the candidate's application and schedule of courses and any revision thereof must receive the approval of the Faculty.

The course is intended for those who do not desire a degree but are anxious to extend their educational equipment beyond the two year course and to train themselves for the responsibilities of rural leadership. It is designed to permit those of good ability and some maturity to pursue a course where more emphasis is placed upon private study and individual effort than is possible during the first two years, when lectures and class-room exercices consume the bulk of the student's time.

During the session, which, for the Advanced Diploma Course, will date from the opening of the Degree Course, the student's time will be divided between assigned studies, projects, and departmental work. His curriculum will include reading, preparing reports, writing essays, and course work.

The course is not rigidly prescribed and is intended to be of a broad and general character. Nevertheless, it provides opportunity for the student to pay special attention to those phases of agriculture in which he is particularly interested. The courses taken will be selected from those listed below, but the student may be permitted to attend others which may be of value to him. The courses will be selected in consultation with the Chairman of the Diploma Course Committee.

At the end of his course of study, the student will submit himself to examinations in the individual courses taken when required, and to a series of comprehensive examinations in practical and scientific agriculture, written and oral, set by a Board of Examiners appointed for the purpose.

An Advanced Diploma in Agriculture may be awarded at the completion of the year's work or may be withheld until the student has demonstrated the necessary capacity in the work undertaken.

Only a limited number of students will be accepted each year.

Courses may be chosen from the following list, supplemented, if desired, by others approved by the Faculty:—

AGRICULTURAL ENGINEERING:—31, 32, 33, and 34.

AGRONOMY:—31, 32, 33, 36, and 43 (1st term).

ANIMAL HUSBANDRY:—30, 34, 35, 41, 45 and 46.

BOTANY:—30.

COMPARATIVE PHYSIOLOGY AND PATHOLOGY:—30, 31, and 32.

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ECONOMICS:—*20, 30, 31, and 32.
ENGLISH:—*14, *26.
ENTOMOLOGY:—34.
EXTENSION METHODS:—*30.
HORTICULTURE:—31, 33, 38, 39, and 40.
PLANT PATHOLOGY:—31.
POULTRY HUSBANDRY:—31, 33, 35, and 38.

B.Sc. (Agr.) COURSE

This is a four-year course leading to the degree of Bachelor of Science in Agriculture; the degree when abbreviated shall be designated B.Sc. (Agr.).

The curriculum is organized with equal standards and similar plans to those of the other faculties of the University. During the first two years the work undertaken is common to all students and is limited to subjects which are basic in the study of all branches of agriculture. In the third and fourth years the student may specialize in a single branch of agriculture, or, in special cases, he may choose a combination of related subjects. In either case the outline of work must offer a comprehensive training in the major work and cognate subjects.

ENTRANCE

1. For General Requirements, see page 4527.
2. All candidates for admission to the four year course leading to the B.Sc. (Agr.) degree shall produce one of the certificates indicated below. With the modifications noted, this will apply also to all candidates for admission to the B.Sc. (H.Ec.) course.

a. A certificate of having passed the Junior School Certificate examination for entrance to the Faculty of Agriculture, which is held in June at McGill University and at other centres, and in September at McGill University only. All enquiries relating to such examination should be addressed to The Registrar, McGill University, Montreal, Que.

Every candidate must make application on a form which may be obtained from the Registrar's office, McGill University, Montreal. This application, with the proper fee, must reach the Registrar's office before 20th May for the June examination and before 20th August for the September examination. After these dates application may be accepted for the Montreal centre only. A special late fee of $1.00 is charged for such applications. The fee is $1.25 per paper with a maximum fee of $10.00.

*The courses marked with an asterisk are required and examinations must be taken in them.

Subjects required for matriculation into the Faculty of Agriculture are:

Group	No. of Papers	
1.	2	English
2.	1	History
3.	2	Latin *or* French *or* German *or* Spanish (French preferred)
4.	2	Elementary Mathematics
5.	1	Physics or Chemistry or Biology.
		EITHER
6.	2	Latin or French or German or Spanish (if not already chosen).
		OR
		Any two of the following papers not already chosen:—
		a. Intermediate Algebra
		b. Intermediate Geometry and Trigonometry
		c. *Botany *Biology
		d. Chemistry
		e. Physics
		f. †Drawing
		g. Geography
		h. †Music. [B.Sc. (H.Ec.) candidates only]. (Music and Drawing may not both be chosen.)
		i. Agriculture

Total 10 papers.

An examination in Zoology of other reputable universities or recognized public examining boards will be accepted as an alternative to Botany or Biology.

For complete matriculation a candidate must pass in every one of the above ten papers and obtain an average mark of at least 60% in the ten papers combined. A student, however, who fails in one or more of the papers may obtain matriculation standing provided (a) his average in the ten papers is not less than 65%, and (b) he has no mark in any of the ten papers below 40%.

*Botany and Biology may not both be chosen.

†The High School Leaving Examination in Household Science will be accepted as an alternative to Music or Drawing for admission to the B.Sc. (H.Ec.) Course.

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b. The following certificates will be accepted in lieu of the Junior School Certificate examination for admission to the Faculty of Agriculture provided that pass standing, according to the standards of the various examining bodies, is shown thereon in the subjects required in "*a*" above:

Province of Quebec:—
The High School Leaving Certificate.
The Catholic High School Leaving Certificate.

Province of Ontario:—
Middle School Certificate.

Province of New Brunswick:—
Junior Matriculation.

Province of Nova Scotia:—
Grade XI Certificate.

Province of Prince Edward Island:—
Second Year Certificate of Prince of Wales College.

Province of British Columbia:—
Junior Matriculation.

Province of Manitoba:—
Grade XI Certificate.

Province of Alberta and Saskatchewan:—
Grade XI Certificate.

Newfoundland:—
Junior Matriculation.

United States:—
Certificates granted by the College Entrance Examination Board.

c. Great Britain:—
In the new General Certificate of Education, passes in six subjects, including Mathematics and a Science at the Advanced level, will be the normal standard for admission.

d. Miscellaneous:—
Other certificates, such as those issued by reputable universities or recognized public examining boards, will be judged on their merits and accepted in so far as they meet the entrance requirements.

Intending students who wish to enter by certificate should under no circumstances come to the College without having obtained from the Registrar a statement of the value of the certificates they hold.

Students with incomplete requirements may obtain standing in subjects included in the McGill School Certificate by writing McGill examinations.

3. *Farm Experience.* All candidates for the course leading to the B.Sc. (Agr.) degree must have had at least one season's experience on an approved farm, and must pass a practical test in ordinary farm operations. This experience can only be deferred by special action of the Faculty, and only in special cases.

College and experimental farms, while affording excellent opportunities in special lines of work, are not approved for purposes of general experience.

COURSE REQUIREMENTS

The requirements for graduation are:—

(a) Pass standing, in all courses outlined on page 4586 for the first and second years, as stated on page 4581.

(b) Pass standing in the third and fourth year courses equivalent to a minimum of 11 courses.

(c) Satisfactory distribution and concentration of courses:—See *Courses of Study* below.

(d) Satisfactory fulfilment of regulations concerning summer work for specialists.

EVALUATION OF COURSES

For the purposes of evaluation, a full course shall consist of three lectures per week throughout the year, and shall be rated at 150 marks. A two-hour laboratory period equals one lecture period. More or less than full courses shall be rated proportionately. Where the unit of instruction is considered to be a single period per week per term, six units would constitute a full course.

COURSES OF STUDY

Before entering upon the third year, students shall prepare, in consultation with the professors under whom major subjects are to be taken, summaries of courses to be taken in the third and fourth years, which shall

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include the equivalent of not less than 11 nor more than 12½ full courses (*i.e.*, from 66 to 75 units). Term schedules must be approved by the Faculty.

During the third and fourth years, students may specialize in any one of the following subjects. In special cases, and when approved by Faculty, a combination of two subjects may be arranged. In this case not less than 3½ full courses (21 units) must be taken in each subject.

MAJOR SUBJECTS OFFERED

Agricultural Engineering
Agronomy
Animal Husbandry
Bacteriology
Chemistry
Economics
Entomology
Entomology-Parasitology
Horticulture
Plant Pathology
Poultry Husbandry

In addition to the foregoing, courses are offered in General Agriculture and in General Biology, as follows:

GENERAL AGRICULTURE

This option is designed for students who do not care to follow one of the specialized courses offered but who wish to obtain a general training in agriculture together with the basic sciences. It offers the type of training asked for by those wishing to farm, to do extension work or enter the commercial field. It is arranged to meet the requirements of students who wish to give special attention to combinations of subjects which are not provided for otherwise. Though planned as a general course, it provides the possibility of pursuing graduate studies.

GENERAL BIOLOGY

This option is designed for students who do not desire to take one of the more rigid professional courses during their undergraduate years, but rather to select courses which will serve as a foundation to later specialization in one of the fields of Applied Biology as it relates to agriculture. The courses in this option are arranged so that the student may emphasize either the botanical or the zoological sciences.

The following are the courses which are obligatory in the various options. Any additional courses needed to make up the minimum requirements of 66 units may be selected from any courses listed in the Announcement, subject to time table restrictions. No schedule may contain more than 75 units.

AGRICULTURAL ENGINEERING

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering	34	..	..	2	2
Agricultural Engineering	35	..	3	..	3
Agricultural Engineering	37	2	..	2	..
Agricultural Engineering	38	1	2	1	2
Animal Husbandry	34	..	..	2	1
Chemistry	54 A, B	2	..	2	..
Economics	32	3	..	..	..
Plant Pathology	31	2	2	..	..
Mathematics	30	1	..	1	..
Total units		18		18	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering	31	..	..	2	2
Agricultural Engineering	32	..	..	..	2
Agricultural Engineering	33	2	2	..	..
Agricultural Engineering	36	..	..	..	3
Agricultural Engineering	39	2	1	2	..
Agricultural Engineering	40	2	1	2	1
Agronomy	43	2	..	2	..
Agronomy	430	..	1	..	1
Physics	36	1	1	..	..
Total units		16		17	

Total—69 units

AGRONOMY

PRODUCTION AND PLANT BREEDING GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	31	..	..	2	2
Agronomy	34	..	2	..	2
Agronomy	42	..	..	..	1
Bacteriology	30	..	..	2	2
Botany	30	..	..	2	..
Botany	300	..	..	..	2
Botany	33	..	2	..	1
Chemistry	32	2	..	..	..
Chemistry	54 A, B	2	..	2	..
Chemistry	540 A, B	..	2	..	2
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Physics	33	2	2	..	..
Total units		19		20	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering	33	2	2	..	..
Agronomy	32	2	1	..	..
Agronomy	33	2	1	..	..
Agronomy	35	..	..	2	1
Agronomy	36	..	..	2	1
Agronomy	38	2	..	..	..
Agronomy	42	..	..	..	1
Animal Husbandry	34	..	..	2	1
Economics	31	..	..	3	..
Entomology	34	..	..	2	2
Plant Pathology	31	2	2	..	..
Total units		16		17	

Total—72 units

PRODUCTION AND SOIL FERTILITY GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	34	..	2	..	2
Agronomy	42	..	..	..	1
Bacteriology	30	..	..	2	2
Botany	30	..	..	2	..
Botany	300	..	..	..	2
Botany	33	..	2	..	1
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	54 A, B	2	..	2	..
Chemistry	540 A, B	..	2	..	2
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Physics	33	2	2	..	..
Total units		21		16	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering	39 A	2	1	..	.
Agronomy	31	..	..	2	2
Agronomy	32	2	1	..	..
Agronomy	33	2	1	..	..
Agronomy	36	..	..	2	1
Agronomy	38	2	..	..	..
Agronomy	42	..	..	..	1
Bacteriology	32	2	2	..	..
Chemistry	30	2	..	2	..
Chemistry	301	..	3	..	3
Chemistry	48	..	..	2	..
Chemistry	480	..	..	..	2
Total units		21		17	

Total—75 units

AGRICULTURAL LIBRARY

ANIMAL HUSBANDRY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Husbandry	30	2	1	..	..
Animal Husbandry	34	..	..	2	1
Animal Husbandry	35	..	..	..	3
Animal Husbandry	38	..	..	2	1
Animal Pathology	30	..	..	3	..
Bacteriology	30	..	..	2	2
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	47	..	..	2	..
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Mathematics	31	2	..	..	1
Physics	33A	1	1	..	..
Total units		16		19	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	43	2	..	2	..
Agronomy	430	..	1	..	1
Animal Husbandry	41	..	..	2	1
Animal Husbandry	42	..	3	..	..
Animal Husbandry	43	..	3	..	..
Animal Pathology	31	3	..	..	..
Animal Pathology	34	..	..	2	1
Dairying	30	2	2	..	..
Economics	31	..	..	3	..
Nutrition	30	2	..	2	..
Nutrition	300	..	..	..	2
Nutrition	32	..	..	2	..
Total units		18		18	

Total—71 units

BACTERIOLOGY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology	30	..	..	3	..
Bacteriology	30	..	..	2	2
Bacteriology	33	..	..	1	3
Botany	34	..	2	..	..
Chemistry	30	2	..	2	..
Chemistry	300	..	4	..	4
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	47	..	..	2	..
Chemistry	470	..	..	..	2
Physics	33	2	2	..	..
Total units		16		21	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	32	2	2	..	..
Bacteriology	34	..	..	2	2
Bacteriology	35	..	..	2	2
Bacteriology	36	..	3	..	3
Bacteriology	37	1	..	1	..
Bacteriology	38	1	3	..	..
Chemistry	48	..	..	2	..
Chemistry	480	..	..	..	2
Chemistry	51	2	2	..	..
Mathematics	31	2	..	..	1
Total units		18		17	

Total—72 units

UNIVERSITY LIBRARY

CHEMISTRY

ANIMAL BIOCHEMISTRY GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology	30	..	..	3	..
Bacteriology	30	..	..	2	2
Chemistry	30	2	..	2	..
Chemistry	300	..	4	..	4
Chemistry	31	1	2	..	..
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	47	..	..	2	..
Chemistry	470	..	..	..	2
Mathematics	30	1	..	1	..
Physics	33	2	2	..	..
Total units		18		18	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	34	..	..	2	2
Chemistry	39	1	2	1	2
Chemistry	40	..	3	..	3
Chemistry	41	1	..	1	..
Chemistry	51	2	2	..	..
Chemistry	52	..	..	2	2
Mathematics	31	2	..	..	1
Nutrition	30	2	..	2	..
Nutrition	300	..	..	..	2
Physics	38	2	..	2	..
Total units		17		22	

Total—75 units

SOIL AND PLANT GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	30	..	..	2	2
Botany	30	..	..	2	..
Botany	300	..	..	..	2
Chemistry	30	2	..	2	..
Chemistry	300	..	4	..	4
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	54 A, B	2	..	2	..
Chemistry	540 A, B	..	2	..	2
Mathematics	30	1	..	1	..
Physics	33	2	2	..	..
Total units		19		19	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	38	2	..	..	..
Bacteriology	32	2	2	..	..
Chemistry	31	1	2	..	..
Chemistry	39	1	2	1	2
Chemistry	40	..	3	..	3
Chemistry	41	1	..	1	..
Chemistry	48	..	..	2	..
Chemistry	480	..	..	..	2
Mathematics	31	2	..	..	1
Physics	36	1	1	..	..
Physics	38	2	..	2	..
Total units		22		14	

Total—74 units

ECONOMICS

Students electing Economics as a major subject will take their third year work at Macdonald College and their fourth year work in the Department of Economics and Political Science at McGill University. They must have attained a standing in the first two years equivalent to at least second class honours according to the standards of the Faculty of Arts and Science, and have their courses approved by the Chairmen of the departments concerned. This option fulfils the academic requirements for admission to the Faculty of Graduate Studies and Research for work leading to the degree of Master of Arts. Unlike other options, a minimum of only 61 units is required.

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	43	2	..	2	..
Agronomy	430	..	1	..	1
Animal Husbandry	30	2	1	..	..
or					
Horticulture	40 A	2	1	..	..
Animal Husbandry	34	..	..	2	1
or					
Horticulture	40 B	..	..	2	1
Chemistry	54 A, B	2	..	2	..
Chemistry	540 A	..	2	..	..
Economics	30	..	..	3	..
Economics	31	..	..	3	..
Economics	32	3	..	..	..
Economics	33	3	..	3	..
Extension Methods	30	1	1	1	1
Total units		18		19	

FOURTH YEAR (at McGill)

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Economics	321	3	..	3	..
Economics	361	3	..	3	..
Economics	412	3	..	3	..
Elective		3	..	3	..
Total units		12		12	

321—Money and Banking.
361—Statistics.
412—Economic Analysis.

Total—61 units

ENTOMOLOGY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Entomology	30	2	2	2	2
Entomology	32	..	..	..	2
Entomology	37	..	1	..	1
Genetics	30	3	..	..	..
Physics	33	2	2	..	..
Zoology	32	..	2	..	..
Total units		18		7	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Entomology	33	2	2	2	2
Entomology	35	2	2	2	2
Entomology	37	..	1	..	1
Mathematics	31	2	..	..	1
Plant Pathology	31	2	2	..	..
Total units		15		10	

Third or Fourth Year (depending on session offered).

Entomology 36 — 2 lects., per week, 2nd term (1952-53).

Entomology 38 — 2 labs., per week, both terms.

Zoology 31 — 2 lects., 2 labs. per week, both terms (1951-52).

Total—64 units

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ENTOMOLOGY — PARASITOLOGY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology	30	..	..	3	..
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Entomology	30	2	2	2	2
Entomology	32	..	..	..	2
Parasitology	34	..	1	..	1
Physics	33	2	2	..	..
Zoology	32	..	2	..	..
Total units		15		10	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	30	..	..	2	2
Entomology	35	2	2	2	2
Mathematics	31	2	..	..	1
Parasitology	34	..	1	..	1
Parasitology	35	..	..	..	3
Total units		7		13	

Third or Fourth Year (depending on session offered).

Parasitology 36	2 lects., 2 labs, per week, 1st term. (1952-53)
Parasitology 37	2 lects., 2 labs, per week, 2nd term. (1952-53)
Parasitology 38	2 lects., 4 labs, per week, 2nd term. (1951-52)
Zoology 31	2 lects., 2 labs. per week, both terms. (1951-52)

Total—67 units

†GENERAL AGRICULTURE

THIRD YEAR—Obligatory courses

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
*Agronomy	43	2	..	2	..
*Agronomy	430	..	1	..	1
Animal Husbandry	34	..	..	2	1
Animal Pathology	30	..	..	3	..
or					
Botany	30,300	..	..	2	2
Chemistry	32	2	..	..	..
Physics	33 A	1	1	..	..
Plant Pathology	31	2	2	..	..
Chemistry	54 A, B	2	..	2	..
Chemistry	540 A, B	..	2	..	2
Mathematics	31	2	..	..	1
Total units		17		14 or 15	

THIRD YEAR—Elective Courses

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	32	2	1	..	..
or					
Agronomy	33	2	1	..	..
Agricultural Engineering	39 A	2	2	..	..
or					
Dairying	30	2	2	..	..
Animal Husbandry	41	..	..	2	1
Animal Husbandry	35	..	..	..	3
Economics	31	..	..	3	..
Poultry	33	3	..	..	..
Poultry	330	..	1	..	..
Horticulture	40 B	..	..	2	1
Total units		11		12	

*To be taken by all students in this option with the exception of those who have taken an equivalent course elsewhere.

†It is intended that elective courses to bring the total units up to the requirements (minimum 66, maximum 75), shall be chosen from those listed. However, other courses listed in the announcement may also be elected.

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GENERAL AGRICULTURE

FOURTH YEAR—Obligatory courses

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Husbandry	30	2	1	..	..
Bacteriology	30	..	..	2	2
Economics	30	..	..	3	..
Economics	32	3	..	..	..
Extension Methods	30	1	1	1	1
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Nutrition	30	2	..	2	..
Total units		15		11	

FOURTH YEAR—Elective Courses

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	38	2	..	..	..
Agricultural Engineering	33	2	2	..	..
Agricultural Engineering	34	..	..	2	2
Agronomy	31	..	..	2	2
Animal Husbandry	38	..	..	2	..
Entomology	34	..	..	2	2
Animal Pathology	31	3	..	..	..
or					
Horticulture	40 A	2	1	..	..
Total units		9		14	

Total—57 or 58 units

GENERAL BIOLOGY

BOTANICAL GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Botany	30	..	..	2	..
Botany	300	..	..	..	2
Botany	31	..	..	2	1
Botany	32	..	2	..	..
Botany	34	..	2	..	..
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	48	..	..	2	..
Chemistry	480	..	..	..	2
Mathematics	31	2	..	..	1
Physics	33	2	2	..	..
Plant Pathology	31	2	2	..	..
Total units		18		12	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	30	..	..	2	2
Entomology	34	..	..	2	2
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Plant Pathology	33	2	2	..	..
Plant Pathology	35	..	1	..	1
Total units		10		9	

Third or Fourth Year (depending on session offered).

Zoology 31 2 lects., 2 labs. per week, both terms (1951-52).

Total—57 units

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ZOOLOGICAL GROUP

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Botany	32	..	2	..	..
Botany	33	..	2	..	1
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	47	..	..	2	..
Chemistry	470	..	..	..	2
Entomology	30	2	2	2	2
Entomology	37	..	1	..	1
Physics	33	2	2	..	..
Zoology	32	..	2	..	..
Total units		19		10	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology	30	..	..	3	..
Bacteriology	30	..	..	2	2
Entomology	34	..	..	2	2
Entomology	37	..	1	..	1
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Mathematics	31	2	..	..	1
Plant Pathology	31	2	2	..	..
Total units		12		13	

Third or Fourth Year (depending on session offered).

Entomology 36 — 2 lects., per week, 2nd term. (1952-53).

Zoology 31 — 2 lects., 2 labs, per week, both terms. (1951-52)

Total—64 units

HORTICULTURE

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs	Lects.	Labs.
Bacteriology	30	..	..	2	2
Botany	30	..	..	2	..
Botany	300	..	..	..	2
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Chemistry	54 A, B	2	..	2	..
Chemistry	540 A, B	..	2	..	2
*Horticulture	38	2	..	..	..
*Horticulture	380	..	2	..	..
*Horticulture	39	..	..	2	..
*Horticulture	390	..	..	..	2
Mathematics	31	2	..	..	1
Physics	33	2	2	..	..
Plant Pathology	31	2	2	..	..
Total units					

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	34	..	2	..	2
Agricultural Engineering	39 A	2	2	..	..
Botany	33	..	2	..	1
Entomology	34	..	..	2	2
Genetics	30	3	..	..	.
Genetics	300	..	2	..	..
*Horticulture	31	2	..	2	..
*Horticulture	310	..	2	..	2
*Horticulture	32	2	2	..	..
*Horticulture	35	..	..	2	2
Horticulture	36	..	..	2	1
Horticulture	37	..	1	..	1
Total units					

Total—73 units

*Horticulture specialists must take two of the following three groups: Horticulture 31,310: Horticulture 32 and 35: Horticulture 38,380 and 39,390.

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PLANT PATHOLOGY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Bacteriology	30	..	..	2	2
Botany	30	..	..	2	..
Botany	300	..	..	..	2
Botany	31	..	..	2	1
Botany	32	..	2	..	..
Botany	34	..	2	..	..
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Mathematics	31	2	..	..	1
Physics	33	2	2	..	..
Plant Pathology	30	..	..	..	2
Plant Pathology	32	..	..	2	2
Plant Pathology	33	2	2	..	..
Total units		18		18	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agricultural Engineering	32	..	..	..	2
Botany	33	..	2	..	1
Chemistry	48	..	..	2	..
Chemistry	480	..	..	..	2
Entomology	34	..	..	2	2
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Horticulture	40 B	..	..	2	1
Plant Pathology	35	..	1	..	1
Plant Pathology	36	2	2	2	2
Total units		12		19	

Total—67 units

POULTRY HUSBANDRY

THIRD YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Animal Pathology	30	..	..	3	..
Bacteriology	30	..	..	2	2
Chemistry	32	2	..	..	..
Chemistry	320	..	2	..	..
Economics	30	..	..	3	..
Economics	32	3	..	..	..
Genetics	30	3	..	..	..
Genetics	300	..	2	..	..
Physics	33	2	2	..	..
Poultry	33	3	..	..	..
Poultry	330	..	1	..	..
Poultry	37	..	..	..	2
Total units		20		12	

FOURTH YEAR

SUBJECT	Course Number	1st Term		2nd Term	
		Lects.	Labs.	Lects.	Labs.
Agronomy	32	2	1	..	..
Animal Pathology	32	..	2	..	..
Animal Husbandry	38	..	..	2	1
or					
Chemistry	47	..	..	2	..
Chemistry	470	..	..	2	..
Economics	31	..	..	3	..
Mathematics	31	2	..	..	1
Poultry	35	1	1	1	1
Poultry	36	..	2	..	2
Poultry	37	..	3	..	3
Total units		14		14 or 15	

Third or Fourth Year (depending on session offered).

Poultry 31 — 2 labs., per week, 1st term (1951-52).

Poultry 34 — 2 lects., 1 lab. per week, 2nd term. (1951-52).

Poultry 38 — 2 lects., 1 lab. per week, 2nd term, (1951-52).

Total—68 or 69 units

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SUMMER WORK REQUIREMENTS

Students majoring in Agronomy will be required to spend one summer in the Agronomy Department at the College, or at some other approved college or experimental farm. This may be between the second and third, or third and fourth years. Arrangements will be made during this time to put the student in touch with each of the phases of the department's work.

Students majoring in Agricultural Engineering will be required to work for a summer in some phase of agricultural engineering work approved by the Agricultural Engineering Department.

Students majoring in Animal Husbandry will be required to work for a summer on a farm approved by the Animal Husbandry Department.

Students majoring in Horticulture will be required to work for a summer on a vegetable farm, a fruit farm, or a nursery, or in a greenhouse.

Students majoring in Entomology or Plant Pathology will be required to spend one summer in field or laboratory work, either at the College immediately under the direction of the department concerned, or in one of the Government laboratories, or in some other place approved by the department concerned.

Students majoring in Poultry Husbandry will be required to work for a summer on a poultry farm approved by the Poultry Husbandry Department.

SUMMER WORK FOR B.Sc. (Agr.) STUDENTS

A certain number of students who have completed at least one session in the B.Sc. (Agr.) course may be employed during the spring and summer months to assist in the work of the various departments of the College. Such students will be paid according to the character and quantity of their work and, whilst in residence, will have to conform to the usual regulations. No other students may remain in residence without special permission from the Dean.

DESCRIPTION OF COURSES—

DEPARTMENT OF AGRICULTURAL ENGINEERING

Associate Professor J. H. COOPER

Assistant Professor A. C. MALLOCH

31. FARM BUILDINGS

Requirements, design and construction of various farm buildings, insulation, heat loss, ventilation and sanitation. Prerequisite, Agr. Eng. 35A and 37.

2 lects., 2 labs., per wk., 2nd term.

Text Book:—Foster and Carter—Farm Buildings.

32. SPRAYING AND DUSTING EQUIPMENT

A laboratory study of high pressure pumps, dusting machines, spray guns, and other equipment.

2 labs. per wk., 2nd term. *Professor Malloch*

33. FARM MACHINERY

A study of tillage, harvesting, and crop processing machinery. Field tests, dynamometer studies, hitches and eveners.

2 lects., 2 labs., per wk., 1st term. *Professor Malloch*

Text Book:—Smith—Farm Machinery and Equipment.

34. FARM POWER MACHINERY

A study of internal combustion engines, tractors, and power transmission. Steam and its applications.

2 lects., 2 labs., per wk., 2nd term. *Professor Cooper*

Text Book:—Jones—Farm Gas Engines and Tractors.

35. AGRICULTURAL DRAFTING

A. The use of drawing instruments, projection, elementary architectural drawing.

B. Perspective, architectural and machine drawing.

3 labs. per wk., 2 terms. *Professor Malloch*

36. PROJECTS

Second term. Credit—one-half course.

37. MECHANICS OF MATERIALS

Resolution and composition of force systems; force polygons; centres of gravity; reactions and stresses in structures. Strength of materials.

2 lects. per wk., 2 terms. *Professor Cooper*

Text Book:—Poorman—Applied Mechanics.

38. SHOPWORK

Hand and power equipment in woodworking; structural joints and fastenings. Identification of iron and steel; forging; welding and tempering. Ropework and belting.

1 lect., 2 labs., per wk., 2 terms. *Professor Cooper*

39. ENGINEERING FOR LAND DEVELOPMENT

Part I. Methods of land surveying applicable to agriculture, including area surveys, levelling, mapping, and making of drainage profiles: land drainage, elements of hydraulics. Part II. Engineering aspects of erosion control, irrigation, and land clearing. Prerequisite, Part I. Course value, 6 units. Non-specialists may elect Part I only if desired.

Part I, 2 lects., 1 lab., per wk., 1st term and 5 days of field work prior to opening date of session. Part II, 2 lects. per wk., 2nd term.

Text Book:—Ayres and Scoates—Land Drainage and Reclamation.

40. FARM ELECTRIFICATION

Applied electricity, current distribution on the farm, wiring codes, motors and electric equipment for the farm.

2 lects., 1 lab., per wk., 2 terms. *Professor Cooper*

AGRICULTURE

Offered jointly by the departments of Agricultural Engineering, Agronomy, Animal Husbandry, Economics, Horticulture, and Poultry Husbandry.

10. AGRICULTURE

An orientation course giving the student an opportunity to obtain a general view of agriculture, and some idea of the nature and problems of the various branches in relation to each other and to the sciences.
1st Yr.:—2 lects., 1 lab., per wk., 2 terms.

20. AGRICULTURE

In continuation of Course 10.

2nd Yr.:—2 lects., 1 lab., per wk., 2 terms.

DEPARTMENT OF AGRONOMY

Professor	L. C. Raymond
Associate Professor	E. A. Lods
Assistant Professors	H. A. Steppler
	R. I. Brawn

31. CEREAL CROPS

An intensive study of cereal crops; production, marketing, uses, types, varieties, strains, commercial and seed grades.

2 lects., 2 labs., per wk., 2nd term. *Professor Lods*

32. HAY AND PASTURE CROPS

Similar to Cereal Crops.

2 lects., 1 lab., per wk., 1st term. *Professor Steppler*

33. ROOTS, CORN AND OTHER SILAGE CROPS

Similar to Cereal Crops.

2 lects., 1 lab., per wk., 1st term. *Professor Raymond*

34. EXPERIMENTATION

A study of factors involved, statistical methods, designs of experiments and interpretation of results.

2 labs. per wk., 2 terms. *Professor Steppler*

35. PLANT BREEDING

Problems, methods, and the interpretation of results, in the breeding of field crops. Prerequisite:—Genetics 30, and Botany 33 or one Crops Course.

2 lects., 1 lab., per wk., 2nd term. *Professor Brawn*

36. CROP ADAPTATION AND DISTRIBUTION

Factors influencing crop adaptation and their effect on distribution. Agronomic organizations.

2 lects., 1 lab., per wk., 2nd term. *Professor Brawn*

38. SOIL MANAGEMENT

An analysis of factors influencing soil productivity and their control. Prerequisite:—Chemistry 33 and Physics 36.

2 lects. per wk., 1st term. *Professor Steppler*

42. PROJECTS

Directed study on an approved problem, either in the breeding or production phase.

1 lab. per wk., 2nd term. 3rd and 4th years. *Professor Raymond and Staff*

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43. FIELD CROP PRODUCTION

Designed for students other than specialists in Agronomy. A study of field crops, their adaptation, weed control, and seed production.

2 lects. per wk., 2 terms. *Professor Lods*

430 LABORATORY PORTION OF COURSE 43

1 lab. per wk., 2 terms.

DEPARTMENT OF ANIMAL HUSBANDRY

Professors	A. R. NESS E. W. CRAMPTON
Associate Professor	LIONEL H. HAMILTON
Lecturer	J. E. MOXLEY
Instructor in Dairying	J. P TURGEON

30. SWINE PRODUCTION

Care, feed, and management of swine. Special problems of bacon hog production. Swine experimentation and interpretation of results.

2 lects., 1 lab., per wk., 1st term. *Professor Hamilton*

34. DAIRY CATTLE PRODUCTION

The production of dairy cattle, with special reference to the problems of the dairy cattle industry; breeding, care and management of dairy cattle; and dairy cattle organizations.

2 lects., 1 lab., per wk., 2nd term. *Professor Ness*

35. LIVESTOCK JUDGING AND MANAGEMENT

An introductory course dealing with the principles and practice of livestock judging.

3 labs. per wk., 2nd term. *Professors Ness and Hamilton and Mr. Moxley*

38. ANIMAL BREEDING

Genetics in relation to the breeding of farm animals. Prerequisite:—Genetics 30.

2 lects., 1 lab., per wk., 2nd term. *Mr. Moxley*

41. HORSES, SHEEP AND BEEF CATTLE

A course covering the important features of the production of these classes of stock in Canada.

2 lects., 1 lab., per wk., 2nd term. *Professor Hamilton*

42. PROJECTS

In special cases, permission may be obtained to substitute Nutrition 33—Seminar—for this course.

3 labs. per wk., 1st term. *Professor Ness and Staff*

43. LIVESTOCK JUDGING AND MANAGEMENT

An advanced course in livestock judging and management. This course includes visits to various farms, breeding establishments, and livestock shows.

3 labs. per wk., 1st term. *Professors Ness and Hamilton and Mr. Moxley*

DEPARTMENT OF ANIMAL PATHOLOGY

Associate Professor W. E. SWALES
Lecturer D. G. DALE

30. ELEMENTARY PHYSIOLOGY

3 lects. per wk., 2nd term *Dr. Dale*

31. DISEASE PREVENTION (a)

General principles of disease prevention, elementary immunology, sanitation and hygiene. Prerequisite:—Animal Pathology 30 and Bacteriology 30 or its equivalent.

3 lects. per wk., 1st term. *The staff*

32. POULTRY DISEASES

Autopsies, laboratory work, and demonstrations. Prerequisite:—Bacteriology 30.

2 labs. per wk., 1st term. *The staff*

34. DISEASE PREVENTION (b)

Specific problems in the prevention of diseases of animals caused by bacteria, viruses, internal parasites, external parasites, and nutritional deficiences. Prerequisite:—Animal Pathology 31.

2 lects., 1 lab., per wk., 2nd term. *The staff*

DEPARTMENT OF BACTERIOLOGY

Associate Professor P. H. H. GRAY
Assistant Professor R. H. WALLACE

30. GENERAL MICROBIOLOGY

This course is a prerequisite to the courses listed below.

2 lects., 2 labs., per wk., 2nd term. *Professor Gray*

Text Book:—Frobisher—Fundamentals of Bacteriology. For students in other options, Swingle, General Bacteriology.

MACDONALD COLLEGE LIBRARY

32. SOIL MICROBIOLOGY

2 lects., 2 labs., per wk., 1st term. *Professor Gray*

33. LABORATORY METHODS

1 lect., 3 labs., per wk., 2nd term *Professor Wallace*

Text Book:—Bryan & Bryan—Principles and Practice of Bacteriology (College Outline Series).

34. FOOD MICROBIOLOGY

2 lects., 2 labs., per wk., 2nd term. *Professor Wallace*

35. DAIRY BACTERIOLOGY

2 lects., 2 labs., per wk., 2nd term. *Professor Gray*

36. PROJECTS

3 labs. per wk., 2 terms. *Staff*

37. SEMINAR

1 hour per wk., 2 terms. *Staff*

38. PHYSIOLOGY OF MICRO-ORGANISMS

1 lect., 3 labs., per wk., 1st term *Professor Wallace*

BOTANY

10. INTRODUCTORY BOTANY

A study of the flowering plant as a living organism with fundamentals of structure, physiology, and reproduction, and an introduction to the general morphology of plants involving consideration of representative types of the several groups of the plant kingdom.

1st Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professor Callen (Department of Plant Pathology)*

30. PLANT PHYSIOLOGY

2 lects. per wk., 2nd term.

300. LABORATORY PORTION OF COURSE 30

2 labs. per wk., 2nd term.

31. HISTOLOGY AND CYTOLOGY

A detailed study of cells, cell division, tissues and their development. etc.

2 lects., 1 lab., per wk., 2nd term.

32. PLANT MORPHOLOGY

2 labs. per wk., 1st term. *Professor Callen*

33. SYSTEMATIC BOTANY

2 labs. per wk., 1st term; 1 lab. per wk., 2nd term. *Professor Callen*

34. HISTOLOGICAL TECHNIQUE

The preparation for the microscope of permanent stained mounts of at least twelve separate items. See Plant Pathology 30.

2 labs. per wk., 1st term.

DEPARTMENT OF CHEMISTRY

Professor	R. H. COMMON
Emeritus Professor	J F. SNELL
Associate Professor	W. A. DELONG
Assistant Professor	B. E. BAKER

10. INORGANIC CHEMISTRY

1st Yr.:—3 lects., 2 labs., per wk., 2 terms.

Text Book:—Timm—General Chemistry, 2nd edition (McGraw-Hill).

20. ORGANIC CHEMISTRY

2nd Yr.:—3 lects., 2 labs., per wk., 2 terms. *Professor Baker*

Text Book:—Wertheim, Textbook of Organic Chemistry (Blakiston).

30. ANALYTICAL CHEMISTRY

2 lects. per wk., 2 terms. 1st term, Qualitative. 2nd term, Quantitative. *Professor DeLong*

300. LABORATORY PORTION OF COURSE 30

4 labs. per wk., 2 terms.

301. ABRIDGED LABORATORY PORTION OF COURSE 30

3 labs. per wk., 2 terms.

31. ORGANIC CHEMISTRY

Preparations.

1 lect., 2 labs., per wk., 1st term. *Professor Baker*

32. GENERAL BIOCHEMISTRY

Carbohydrates; lipids; amino-acids and proteins; properties, nature and classification of enzymes.

2 lects. per wk., 1st term. *Professor Common*

Text Book:—Mitchell—A Textbook of Biochemistry, 2nd edition (McGraw-Hill).

320. LABORATORY PORTION OF COURSE 32

2 labs. per wk., 1st term.

39. PHYSICAL CHEMISTRY

1 lect., 2 labs., per wk., 2 terms. *Professor Baker*

Text Book:—Getman and Daniels—Outlines of Physical Chemistry (Wiley).

40. ASSIGNED PROJECTS

3 labs. per wk., 2 terms. *Staff*

41. SEMINAR

1 lect. per wk., 2 terms. *Staff*

47. PHYSIOLOGICAL CHEMISTRY

Prerequisites:—Chemistry 32 and Physics 33. Alimentary digestion; composition and properties of blood and bile; gaseous exchange and acid base equilibrium; metabolism of nutrients and tissue respiration; urinary and fecal excretion; hormones.

Laboratory work parallels the lecture course and includes blood and urine analysis.

2 lects. per wk., 2nd term. *Professor Common*

Text Book:—Mitchell—A Textbook of Biochemistry, 2nd edition (McGraw-Hill).

470. LABORATORY PORTION OF COURSE 47

2 labs. per wk., 2nd term.

48. PLANT BIOCHEMISTRY

Prerequisites:—Chemistry 32 and Physics 33. Chemistry of plant nutrition with particular reference to the inorganic elements and interrelations in the metabolism of inorganic and organic substances.

2 lects. per wk., 2nd term. *Professor DeLong*

480. LABORATORY PORTION OF COURSE 48

2 labs. per wk., 2nd term.

50. TEXTILE CHEMISTRY

See page 4598.

51. CHEMISTRY OF FOODS AND FEEDING STUFFS

Principles of analysis, including a more detailed treatment of sugars, starches, oils and fats; analytical chemistry of milk and milk products.

2 lects., 2 labs., per wk., 1st term. *Professor Common*

52. ADVANCED FOOD ANALYSIS

A specialized course including the determination of minor elements, amino acids, and vitamins; control analysis in food processing.

2 lects., 2 labs., per wk., 2nd term. *Professor Common*

54a. INTRODUCTORY SOIL SCIENCE PART I

Geology as related to soil formation; the characteristics, physical properties, and genesis of the major soil groups.

2 lects. per wk., 1st term. *Professor DeLong*

540a. LABORATORY PORTION OF COURSE 54a

2 labs. per wk., 1st term.

54b. INTRODUCTORY SOIL SCIENCE PART II

Soil classification; the fundamental relations of the composition and properties of soils to soil fertility.

2 lects. per wk., 2nd term. *Professor DeLong*

Text Book:—Lyon and Buckman—The Nature and Properties of Soils (Macmillan).

540b. LABORATORY PORTION OF COURSE 54b

2 labs. per wk., 2nd term.

DAIRYING

30. THE DAIRY INDUSTRY

Its importance in Canadian agriculture, the relative importance of the various products, and an analysis of the trade. The farm dairy and its equipment. The composition, quality, value, care, and sale of milk and cream. Quality and defects in butter, cheese, and other dairy products. Instruction in testing, separating, buttermaking and cheesemaking.

2 lects., 2 labs., per wk., 1st term. *Mr. Turgeon (Department of Animal Husbandry)*

DEPARTMENT OF ECONOMICS

Professors G. L. BURTON
D. L. MACFARLANE

Emeritus Professor J. E. LATTIMER

20. PRINCIPLES OF ECONOMICS

The anatomy of the Canadian economy, especially the agricultural, household, and governmental segments. The business firm and the

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industry; price and output. Money; the Canadian banking system; national income and employment. The distribution of wealth and income. International trade.

2nd Yr.:—3 lects. per wk., 2nd term. *Professor MacFarlane*

30. MARKETING OF FARM PRODUCTS

A study of the marketing of the principal farm products and an analysis and appraisal of private, co-operative, and governmental marketing facilities, with reference to the width of marketing and processing margins.

3 lects. per wk., 2nd term. *Professor Burton*

31. ECONOMICS OF AGRICULTURE

The Canadian farm industry; the regionalism of production; the distribution of the labor force and of financial returns in Canadian agriculture; farm efficiency. The relation between agriculture and other Canadian industries. The economic background of farm policy. The international trade position of Canadian agriculture.

3 lects. per wk., 2nd term. *Professor MacFarlane*

32. FARM ACCOUNTING AND FARM MANAGEMENT

A system of single entry farm accounts involving inventories, cash receipts, and expenses; a system of production records; the analysis of farm account and production records as a means of improving efficiency of production; farm income tax. The economics of farm production and farm management decisions. A farm visit followed by a detailed analysis of the business of this farm and of three other farms involving the preparation of farm plans and budgets covering present and proposed farm management schemes.

3 lects. per wk., 1st term. *Professor MacFarlane*

33. ECONOMIC ANALYSIS

An intermediate course in economic theory concerned with an analysis of the forces determining the level of prices, production, and employment. The first term work can be taken without the second.

3 lects. per wk., 2 terms. *Professor Burton*

See note concerning graduate work on page 4583.

DEPARTMENT OF ENGLISH

Associate Professors H. R. C. AVISON
C. WAYNE HALL

14. ENGLISH COMPOSITION

Instruction and practice in the elements of good speech and good writing: 1 lecture period per week, conference hours and written themes to

the equivalent of 1 lab. period per week 2 terms. A student failing in the year's work will be required to repeat this course until the necessary standard has been attained.

1st Yr.:—1 lect., 1 lab., per wk., 2 terms. *Professor Avison*

16. ENGLISH LITERATURE

A study of the forms of literature—mainly poetry, fiction, drama, from Anglo-Saxon times to about 1880—with special attention to those factors which condition literary taste and judgment. A schedule of topics and readings will be available before the course begins.

1st Yr.:—2 lects. per wk., 2 terms. *Professor Avison*

25. MODERN LITERATURE

An extension of Course 16, with topics and readings drawn from the work of British, Canadian, and American writers in the period from 1880 to the present. This course may be elected by third or fourth year students.

2nd Yr.:—2 lects. per wk., 1st term; 1 lect. per wk., 2nd term.
Professor Hall

26. SPEAKING AND WRITING

An extension of Course 14 for students who require or desire further practice in oral and written expression. Laboratory periods may be substituted for lectures. This course may be elected by third or fourth year students: it is required for Extension Methods 30, but should be taken, if possible, in the second year.

2nd Yr.:—2 lects. per wk., 1st term; 1 lect. per wk., 2nd term.
Professors Avison and Hall

All second year degree course students must take either English 25 or English 26. The prerequisite to these courses is successful completion of Senior Matriculation English Literature and Composition, or English 14 and 16 at Macdonald College.

31. THE LITERATURE OF RURAL LIFE

A study of Canadian and American regional literature. The schedule of topics and readings, covering the period from pioneer settlements to the present day, will emphasize the large place in our literature held by prose and poetry which is inspired by the land and the people who live on the land. Not given for fewer than 5 students.

1 lect. per wk., 1st term; 2 lects. per wk., 2nd term. *Professor Avison*

32. MODERN DRAMA

A reading course in modern English and American drama with special attention to trends and developments since 1900. Not given for fewer than 5 students.

2 lects. per wk., 1st term; 1 lect. per wk., 2nd term. *Professor Hall*

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EXTENSION METHODS

30. EXTENSION METHODS

Study group technique; extension methods in agriculture and household science; rural sociology.

Laboratory work will comprise participation in debates, conduct of public meetings and similar activities, and the operation of the Rural Problems Club, which will meet weekly from November 1st to March 31st. Membership in the Club will be open to all students in Agriculture, Household Science, and the School for Teachers. Students who elect this course will also be required to take English 26, unless this course was taken in the second year.

1 lect., 1 lab., per wk., 2 terms. *Professor Avison and Committee*

DEPARTMENT OF ENTOMOLOGY

Professor W. H. BRITTAIN

Associate Professors E. MELVILLE DUPORTE
F. O. MORRISON

Assistant Professor W. E. WHITEHEAD

30. INSECT MORPHOLOGY

2 lects., 2 labs., per wk., 2 terms. *Professor DuPorte*

32. ENTOMOLOGICAL TECHNIQUE

Prerequisite:—Zoology 32.

2 labs. per wk., 2nd term. *Professor Whitehead*

33. ECONOMIC ENTOMOLOGY

The principles and practice of Applied Entomology from a professional standpoint, including a survey of the Class *Hexapoda* with special reference to biological and economic aspects. A representative collection of economic insects including at least 50 adults, 20 larvae and five complete life history sets will be required of all students taking this course.

2 lects., 2 labs., per wk., 2 terms. *Professor Morrison*

34. GENERAL AND ECONOMIC ENTOMOLOGY

A more elementary course similar to the foregoing, but suited to the general student. A collection of 25 adult insects, 10 larvae and one complete life history set, representative of common economic insects, will be required of each student taking the course.

2 lects., 2 labs., per wk., 2nd term. *Professor Morrison*

35. SYSTEMATIC ENTOMOLOGY

The classification of the principal groups of insects. Each student will bring to the class at least 50 representatives of the main orders of insects which he has collected, mounted and labelled according to the instructions given in Course 32. He will choose a special group for more detailed study which may be included in the above collection. Prerequisite: Entomology 30.

2 lects., 2 labs., per wk., 2 terms. *Professor Whitehead*

36. INSECT ECOLOGY

The influence of the environment on the development, activities, distribution, and abundance of insects.

2 lects. per wk., 2nd term. Given in 1952-53. *Professor DuPorte*

37. SEMINAR

Presentation and discussion of reports on: (1) Assigned topics; (2) Recent work in Entomology and Zoology; (3) Original investigation.

1 lab. per wk., 2 terms. *Professors Brittain and DuPorte*

38. PROJECTS

One or more problems entailing private investigation will be allotted to each student at the beginning of his third year. The work done should be equivalent to

2 labs. per wk., 2 terms. *Staff*

39. ECONOMIC ENTOMOLOGY

A laboratory course supplemental to Course 33, open only to students who are majoring in Entomology and have received the permission of the department.

1 lab. per wk., 2 terms. *Professor Brittain*

GENETICS

30. ELEMENTARY GENETICS

The modern conception of inheritance, applicable to both plants and animals, including reference to human inheritance.

3 lects. per wk., 1st term. *Professor Brawn (Department of Agronomy)*

300. LABORATORY PORTION OF COURSE 30

Practical illustrations from the fruit fly (*Drosophila melanogaster*), corn, and other material as available.

2 labs. per wk., 1st term.

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DEPARTMENT OF HORTICULTURE

Associate Professor	H. R. Murray
Assistant Professors	Jean David A. N. Nussey
Lecturer	D. W. Pettit

31. VEGETABLE CROPS

The principles of vegetable growing including economic importance, geography, types and varieties, cultural requirements, harvesting, grading, marketing, and storage as applied to the important crop plants.

2 lects. per wk., 2 terms. *Professor Murray*

310. LABORATORY PORTION OF COURSE 31

2 labs. per wk., 2 terms.

32. LANDSCAPE ARCHITECTURE

Description, characteristics, and identification of ornamental plants, nursery practices and care of plant material. A brief history of gardens and architecture. Landscape design, plans, sketches, drafting and construction specifications, as applied to rural and urban homes, estates, parks and playgrounds, etc.

2 lects., 2 labs., per wk., 1st term. *Mr. Pettit*

35. FLORICULTURE

An introductory course in which is discussed the history, development, propagation, and culture of flowers both out-of-doors and under glass. Floral arrangements and design are also considered. Trips to greenhouse establishments where possible.

2 lects., 2 labs., per wk., 2nd term. *Mr. Pettit*

36. PLANT BREEDING

A study of the principles of genetics as applied to the breeding and improvement of horticultural crop plants. The development of breeding methods for different types of plants will be given special consideration. Lectures will be supplemented by practice periods in the greenhouse. Prerequisite:—Genetics 30 and 300.

2 lects., 1 lab., per wk., 2nd term. *Professor Murray*

37. SEMINAR

Presentation and discussion of reports on assigned topics, recent work and developments in horticulture and reports on the original investigations of the students and staff.

1 period per wk., 2 terms. *Professor Murray and Staff*

38. POMOLOGY (ORCHARD FRUITS)

The fundamentals of orchard fruit propagation, production and marketing, with visits to orchards, markets, and cold storage establishments when possible.

2 lects. per wk., 1st term. *Professor Nussey*

380. LABORATORY PORTION OF COURSE 38

2 labs. per wk., 1st term.

39. POMOLOGY (SMALL FRUITS)

The fundamentals of small fruit propagation, production, and marketing, with visits to producing areas and marketing establishments when possible.

2 lects. per wk., 2nd term. *Professor Nussey*

390. LABORATORY PORTION OF COURSE 39

2 labs. per wk., 2nd term.

40. HORTICULTURAL CROPS

A course dealing with the more important branches of horticulture designed for students other than horticulture specialists.

a. A study of tree and bush fruits; fruit and vegetable processing.

b. A study of potatoes as a cash crop, canning, and other special crops. The farm garden; landscaping the farm home.

Under special conditions either A or B may be taken by permission.

2 lects., 1 lab., per wk., 2 terms. *Professor Murray and staff*

42. FRUIT AND VEGETABLE PRESERVATION

The principles of fruit and vegetable preservation with particular attention to cold storage, canning, dehydration and freezing.

2 lects., 1 lab., per wk., 1st term *Professor David*

MATHEMATICS

10. ELEMENTARY MATHEMATICAL ANALYSIS

An introduction to functions and their graphical representation; solution of equations; logarithms; trigonometry; binomial theorem; compound interest; permutations, combinations and probability.

1st Yr.:—3 lects. per wk., 2 terms. *Professor Henry (School for Teachers)*

20. CALCULUS

Analytical geometry, differential and integral calculus.

2nd Yr.:—3 lects. per wk., 2 terms.

Professor Rowles (Department of Physics)

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30. ELEMENTARY DIFFERENTIAL EQUATIONS

An introduction to differential equations with selected applications in physical, chemical, and biological science.

1 lect. per wk., 2 terms. *Professor Oliver (Department of Physics)*

31. ELEMENTARY STATISTICS

An introduction to statistics including graphs, histograms, means, standard deviation, variance, normal frequency curve, probability, fitting curves to experimental data, correlation, standard error and tests of significance, etc.

2 lects. per wk., 1st term; 1 lab. per wk., 2nd term.

Mr. Kinnear (Department of Physics)

DEPARTMENT OF NUTRITION

Professor E. W. CRAMPTON

Assistant Professors G. C. ASHTON
F. A. FARMER

30. FUNDAMENTALS OF NUTRITION

The nutritionally important components of foods and their physiological functions. Measurement of the nutritive values of foods. Determination of the nutritive requirements of the body for maintenance; and for growth, reproduction, and lactation.

2 lects. per wk., 2 terms. *Professors Crampton and Farmer*

300. NUTRITION LABORATORY

Methods of nutrition experimentation including actual carrying out of comparative feeding trials, digestion experiments, nitrogen balances; determination of physiological fuel values; vitamin bioassays; basal metabolism studies. Elementary statistical analysis and interpretation of the data from these experiments and the preparation of technical reports for submission.

1 lab. per wk., both terms. *Professors Crampton, Ashton, and Farmer*

32. ANIMAL FEEDSTUFFS

The classification of feeds and a study of their nutritionally significant characteristics.

2 lects. per wk., 2nd term. *Professor Crampton*

33. SEMINAR

1 lab. per wk., 2 terms. *Staff*

PARASITOLOGY

34. SEMINAR

1 lab. per wk., 2 terms. *Professors DuPorte and Cameron*

Students will attend the combined Entomology-Parasitology Seminar.

35. PROJECTS

A problem may be selected in Protozoology, Medical Entomology, or Helminthology. The object of the problem is to enable the student:—(1) To do more intensive work in some selected field; (2) To obtain an introduction to the methods of scientific research.

3 labs. per wk., 2nd term. *Professors Cameron and DuPorte*

36. PROTOZOOLOGY

A morphological, biological and systematic study of protozoa with special reference to the parasites of domestic animals. Protozoological technique.

2 lects., 2 labs., per wk., 1st term. Given in 1952-53. *Professor DuPorte (Department of Entomology)*

37. MEDICAL ENTOMOLOGY

A systematic and biological study of insects concerned in the causation of disease in man and domestic animals. Prerequisite:—Entomology 30.

2 lects., 2 labs., per wk., 2nd term. Given in 1952-53. *Professor DuPorte (Department of Entomology)*

38. HELMINTHOLOGY

A morphological, biological, and systematic study of the helminths with special reference to the parasites of domestic animals. Helminthological technique.

2 lects., 4 labs., per wk., 2nd term. Given in 1951-52. *Professor Cameron (Institute of Parasitology).*

DEPARTMENT OF PHYSICS

Professor	WILLIAM ROWLES
Associate Professor	W. F. OLIVER
Lecturer	J. K. KINNEAR

12. GENERAL PHYSICS

An elementary course dealing with the subject chiefly from the experimental side, with selected problems based on the fundamental principles. The course is designed to familiarize the students with the more

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important laws of physics and to furnish the necessary basis for later work.

1st Yr.:—3 lects., 1 lab., per wk., 2 terms. *Professor Rowles*

22. GENERAL PHYSICS

A continuation course which covers the same ground as Physics 12, but with more intensive treatment. Certain topics will receive special emphasis and additional phases of the subject will be considered.

2nd Yr.:—3 lects., 1 lab., per wk., 2 terms. *Professor Oliver*

32. METEOROLOGY

A study of the factors which condition climate and weather, etc.

1 lect. per wk., 2nd term. *Professor Rowles*

33. BIOPHYSICS

(Prerequisite to Chemistry 47 and 48). A study of the gas laws, osmosis, surface phenomena, electrolytic dissociation, pH, colloidal state, X-rays in biology, etc.

2 lects., 2 labs., per wk., 1st term. *Professor Rowles and Mr. Kinnear*

33a. BIOPHYSICS

An abridged course covering selected parts of Physics 33.

1 lect., 1 lab., per wk., 1st term. *Professor Rowles*

36. SOIL PHYSICS

Soil texture as determined by mechanical analysis, soil moisture and its movement, soil constants and their measurement, physical properties of colloids and their effects on soil behaviour, soil structure.

1 lect., 1 lab., per wk., 1st term. *Professor Rowles*

38. MOLECULAR AND ATOMIC PHYSICS

A discussion of kinetic theory including Maxwell's distribution law, the laws of thermodynamics, atomic structure, charge on the electron, isotopes, circular orbit theory for hydrogen, vacuum tubes, X-rays and crystal structure, radioactivity, etc. A portion of the time is devoted to laboratory work.

2 lects. per wk., 2 terms. *Professor Oliver*

DEPARTMENT OF PLANT PATHOLOGY

Professor	JOHN G. COULSON
Emeritus Professor	G. W. SCARTH
Assistant Professor	E. O. CALLEN

30. TECHNIQUE

The preparation and standardization of media. Inoculation methods, etc. Photomicrography and the optical equipment necessary.

Students taking the Plant Pathology Option will be required to take that part of course Zoology 32 dealing with illustrations. Graduate students may take this work without credit.

2 labs. per wk., 2nd term.

31. DISEASES OF PLANTS

A study of the common diseases and their control. Use of spray calendars. Preparation of fungicides, etc.

2 lects., 2 labs., per wk., 1st term. *Professor Coulson*

32. PLANT PATHOLOGY

Detailed studies of plant diseases; distribution, economic importance, symptoms, cause and control.

Myxomycetous, phycomycetous, ascomycetous, and non-parasitic diseases.

2 lects., 2 labs., per wk., 2nd term. *Professor Coulson*

33. MYCOLOGY

A study of fungi as concerning taxonomy, morphology, sexuality, etc.

2 lects., 2 labs., per wk., 1st term. *Professor Callen*

34. PROJECTS

One or more problems entailing private investigation will be allotted each student.

Minimum of 2 labs. per wk., 2 terms. *Staff*

35. SEMINAR

A course entailing reading, discussion, appreciation and criticism of research articles, monographs, etc., in the field of General Botany, Physiology, Cytology, Histology, Morphology, Ecology, Taxonomy, Genetics, Mycology, Pathology. Attention will be more especially directed to such articles as have application in Plant Pathology or Mycology.

1 period per wk., 2 terms. *Staff*

36. PLANT PATHOLOGY

Detailed studies of plant diseases; distribution, economic importance, symptoms, cause and control.

Basidiomycetous, fungi imperfecti, bacterial and virus diseases.

2 lects., 2 labs., per wk., 2 terms. *Professor Coulson*

DEPARTMENT OF POULTRY HUSBANDRY

Associate Professors W. A. Maw
N. Nikolaiczuk

31. HISTORY OF BREEDS AND JUDGING

The origin, domestication and development of the various breeds of chickens, turkeys, ducks, and geese. Advanced practice in judging on the basis of type and colour standards.

2 labs. per wk., 1st term. Given in 1951-52. *Professor Maw*

33. GENERAL POULTRY HUSBANDRY

The general principles and practice of poultry production and marketing.
3 lects. per wk., 1st term. *Professor Nikolaiczuk*

330. LABORATORY PORTION OF COURSE 33

Exercises in poultry selection and demonstrations of other applied aspects of poultry production.

1 lab. per wk., 1st term. *Professor Nikolaiczuk*

34. BREEDING PRINCIPLES

The fundamental principles underlying poultry breeding. Prerequisites: —Genetics 30; Poultry Husbandry 31 and 33.

2 lects., 1 lab., per wk., 2nd term. Given in 1951-52. *Professor Maw*

35. POULTRY FARM MANAGEMENT

Poultry farming as a business; size of business, economic aspects of capital and labour involved; farm layout and buildings; arrangement; equipment, inventories, cost accounts and other records. Prerequisite:—Poultry Husbandry 33.

1 lect., 1 lab., per wk., 2 terms. *Professor Maw*

36. RESEARCH

A study of method in conducting experiments and analysis of data. Prerequisite:—Poultry Husbandry 33.

2 labs. per wk., 2 terms. *Professor Nikolaiczuk*

37. ASSIGNED PROJECTS

3rd Yr.:—2 labs. per wk., 2nd term; 4th Yr.:—3 labs. per wk., 2 terms.
Professors Maw and Nikolaiczuk

38. POULTRY NUTRITION

A study of the composition of feeds, balanced rations and feeding practice as applied to the production of poultry. Prerequisite:—Poultry Husbandry 33.

2 lects., 1 lab., per wk., 2nd term. Given in 1951-52. *Professor Nikolaiczuk*

SOCIOLOGY

40. INTRODUCTION TO SOCIOLOGY (The Community)

An examination of the social patterns of our society, with emphasis on group relationships.

3 lects. per wk., 1 term.

ZOOLOGY

20. GENERAL ZOOLOGY

An introduction to animal structure, physiology, and classification. Representatives of the chief phyla are studied and used to introduce some of the general principles of Zoology.

2nd Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professors DuPorte, Morrison, and Whitehead (Department of Entomology)*

31. COMPARATIVE VERTEBRATE ANATOMY

2 lects., 2 labs., per wk., 2 terms. Given in 1951-52.
Professors DuPorte and Whitehead (Department of Entomology)

32. HISTOLOGICAL TECHNIQUE

The preparation of histological slides and the technique of making scientific drawings.

Students taking the Entomology Option will be required to take that part of the course Plant Pathology 30 which deals with photography and the use of the microscope. Graduate students may take this work without credit.

2 labs. per wk., 1st term. *Professor Whitehead (Department of Entomology)*

EXAMINATIONS

B.Sc. (AGR.) AND B.Sc. (H.Ec.) COURSES.

All students will be required to give satisfactory evidence of mastery of the material of lecture and laboratory. First and second year examinations will be held at the end of the first term in all courses. In all years examinations will be held at the conclusion of each course, at which time the examiner will pass in to the Registrar a mark giving the final standing of each student in all the work of the course.

First year students who obtain an average of less than 40 per cent in the first term examinations will not be permitted to continue with the work of the second term.

LIBRARY AGRICULTURAL

Examination in any subject may be refused because of absence without accepted excuse from one or more classes in the subject. See page 4519.

Upon payment of a fee of $10, a student may apply to the office of the Dean to have an examination paper re-read.

Students who are allowed to repeat a year do so on probation. Students whose work or conduct during the year proves unsatisfactory may also be placed on probation involving loss of certain privileges. The type of probation will vary with individual cases.

PASS MARK AND CLASSES

The pass mark in all examinations is 50 per cent.

In the first and second years, 80 per cent and over is first class standing; 65 to 79 per cent, second class; 50 to 64 per cent, third class or pass.

ADVANCEMENT FROM YEAR TO YEAR

In the first and second years, any student whose final mark is less than 50%, or who fails in courses of the year's work to an aggregate value of more than 450 marks will be required to repeat the year. Any student who fails in courses of the year's work to an aggregate value of 450 marks or less and whose average is at least 50%, may write supplemental examinations in all failed courses the following September. However, a student who fails in English 14 (Composition) will be required to repeat the course until the necessary standard has been attained.

No student may enter the second year carrying a condition in more than one subject of first year work, and no student may enter the third year carrying a condition in more than one subject of second year work.

No student may enter the third year with any subject outstanding from his first year, and no student may enter the fourth year with any subject outstanding from his second year.

Any student who, after the final spring examinations of the third year, has failed to obtain an average of at least 50 per cent based on all the courses of his third year, will be required to repeat the year. No student will be admitted to the fourth year of the B.Sc. (Agr.) course who has not passed in third year work equivalent to at least five full courses (30 units), or to the fourth year of the B.Sc. (H.Ec.) courses who has not passed in third year courses having an aggregate value of at least 750 marks.

A student who is allowed to repeat a year may be exempted from attending lectures and passing examinations in one or more subjects in which he has already passed and obtained at least 60 per cent, and may

be required to take one or more subjects of the following year in his course. The choice of subjects must involve no conflict of hours in the timetable.

If a student fails in a course which he has taken with a more advanced class he must repeat the course when he enters the year in which that subject is regularly taught.

PASS AND HONOUR STANDING

HONOUR STANDING:—Students who have obtained an average of at least 60 per cent in the work of the first two years, and who obtain an average of 80 per cent or over, based on all the courses of their third and fourth years, shall be granted First Class Honours; those who obtain an average of from 65 to 79 per cent, based on all the courses of their third and fourth years, shall be granted Second Class Honours. Students who have obtained an average of less than 60 per cent in the work of the first two years are not eligible for Honours.

PASS STANDING:—Students who obtain an average of not less than 50 per cent, based on all the courses of their third and fourth years, shall be granted Pass Standing.

SUPPLEMENTAL EXAMINATIONS

Regular supplemental examinations are held in September before the beginning of the session, and at the time of the regular examinations in January and March. Failure to pass a supplemental examination means that the course must be repeated, or such portion of it as the instructor may direct. In the case of fourth year students only, special examinations may be provided earlier in September, so that the results may be known in time to recommend successful candidates for the fall Convocation.

Except in very exceptional cases, each of which must be submitted to the Faculty for approval, only one supplemental examination will be allowed in any course; but a student who has been prevented by illness or some other unavoidable circumstance from writing a supplemental examination at the regular time will be allowed to write a special supplemental examination at a later date. In no other cases than those mentioned will special supplemental examinations be granted.

Every candidate for a supplemental examination is required to fill out an application form for such examination and to return it with the necessary fee ($2.00 per paper) at least three weeks before the date set for the examinations. Application forms may be obtained from the Registrar.

No student writing a supplemental examination in a subject will be granted marks higher than the pass mark, 50 per cent.

MCGILL UNIVERSITY LIBRARY

GRADUATE COURSES

Graduate work, under the Faculty of Graduate Studies and Research, McGill University, Montreal, may be taken at Macdonald College, in Agronomy, Bacteriology, Chemistry, Entomology, Horticulture, Nutrition, (Animal, Poultry, Human), Parasitology, and Plant Pathology. The advanced courses of study offered lead to the degrees of Master of Science and Doctor of Philosophy.

Graduates who have completed three full courses or their equivalent in the Department of Economics at Macdonald College and who, in addition, have completed at least two full courses in the Department of Economics and Political Science or their equivalent with at least second class honours, may register in the Faculty of Graduate Studies and Research to proceed toward the degree of Master of Arts.

A number of scholarships and students assistantships are available.

The Faculty of Graduate Studies and Research issues an announcement giving full information regarding graduate courses, and scholarships, theses, registration, etc., in connection therewith, which will be sent on application to the Registrar, to the Dean of the Faculty of Graduate Studies and Research, McGill University, Montreal, or to the Dean of the Faculty of Agriculture, Macdonald College, Que.

AGRICULTURE SPECIALIST TEACHING CERTIFICATE

Holders of the B.Sc. (Agr.) degree may enroll for a year of post-graduate study under the direction of the School for Teachers and the Faculty of Agriculture, to qualify for the Agriculture Specialist Certificate granted by the Department of Education of the Province of Quebec. This certificate is valid in the Province of Quebec and other provinces of Canada which may be prepared to accept it.

There are openings for qualified teachers of Agriculture in the high schools of Quebec and other provinces. In some appointments the teacher is required to teach Agriculture only; in many others he is expected to teach other subjects also, which may include general or specialized science, shop work and farm mechanics, or other subjects. Consequently, candidates for the Specialist Certificate receive training in general as well as special subject areas.

In addition to the academic and professional courses offered, an excellent programme of supervised practice teaching gives candidates the opportunity of becoming familiar with the work of the schools. Candidates should have an interest in Agriculture, an appreciation of rural life, some practical experience in farming, and a genuine interest in working with high school children.

The charge for tuition is $150, and other charges for room and board and for student activities are the same as for students in the School for Teachers. Applications for admission should be sent to the Registrar, Macdonald College, P.Q.

CURRICULUM

ENTRANCE REQUIREMENT:——B.Sc. (Agr.) degree.

Courses taken in the School for Teachers: (For description see page 4613).

Education 3	Educational Psychology
Education 4	Principles of Education
Education 10	General Methods and Practice
Education 13	School Organization and Management
Education 20	Practice Teaching (six weeks)

Courses taken in the Faculty of Agriculture: Any two of the following (it is assumed that any prerequisite courses have been taken):

Agricultural Engineering 33	Farm Machinery
Agricultural Engineering 34	Farm Power Machinery
Agricultural Engineering 38	Shop Work
Agronomy 31	Cereal Crops
Agronomy 38	Soil Management
Animal Husbandry 34	Dairy Cattle Production
Animal Husbandry 35	Livestock Judging and Management
Animal Husbandry 38	Animal Breeding
Horticulture 38	Orchard Fruits
Nutrition 30	Fundamentals of Nutrition
Poultry 31	History of Breeds and Judging
Poultry 33	General Poultry Husbandry

Other approved courses may also be taken.

SYLLABUS

Diploma Course

SUBJECTS	Course Numbers	First Term per week		Second Term per week	
		Lects.	Labs.	Lects.	Labs.
FIRST YEAR					
Agricultural Engineering:—					
Farm Machinery	1	2	1	.....	.....
Farm Construction	2	.....	.....	1	2
Agriculture	1	1	.....	1	.....
Agronomy:—					
Soils and Soil Management	1	3	.....	.....	.....
Hay and Pasture Crops	3	.....	.....	2	1
Corn and Root Crops	5	.....	.....	3	.....
Animal Husbandry:—					
Farm Live Stock	1	3	2	2	2
Bacteriology	1	.....	.....	1	1
Botany	1	2	1	.....	.....
Chemistry	1	.....	.....	2	1
English	2	3	.....	3	.....
Entomology	3	2	1	.....	.....
Horticulture:—					
General Horticulture	4	1	1	1	1
Mathematics	1	1	1	1	1
Poultry Husbandry:—					
Productive Poultry Husbandry	1	2	1	2	1
SECOND YEAR Livestock Farming Group					
Agricultural Engineering:—					
Land Drainage and Farm Sanitation	6	2	2	.....	.....
Farm Shopwork	7	.....	.....	1	2
Agronomy:—					
Crop Management	7	.....	.....	2	1
Grain Crops	9	2	1	.....	.....
Animal Husbandry:—					
Farm Live Stock	6	2	2	2	2
Live Stock Breeding	7	.....	.....	2	.....
Animal Nursing	6	.....	.....	2	1
Dairying	6	.....	.....	2	2
Economics:—					
Economic Problems	7	2	1	.....	.....
Farm Accounts and Management	8	3	1	.....	.....
English	7	1	1	1	1
Nutrition:—					
Feeds and Feeding	6	2	.....	.....	.....
Physics	6	1	2	.....	.....
Poultry Husbandry:—					
Poultry Management	6	.....	.....	2	1
Project	6	2	.....	2	.....
SECOND YEAR Fruit Farming Group					
Agricultural Engineering:—					
Land Drainage and Farm Sanitation	6	2	2	.....	.....
Farm Shopwork	7	.....	.....	1	2
Agronomy:—					
Crop Management (Elective)	7	.....	.....	2	1
Economics:—					
Economic problems	7	2	1	.....	.....
Farm Accounts and Management	8	3	1	.....	.....
English	7	1	1	1	1
Horticulture:—					
Vegetable Gardening	6	2	2	2	2
Ornamental Gardening	7	2	1	.....	.....
Fruit Growing	8	2	2	2	2
Physics	6	1	2	.....	.....
Plant Pathology:—					
Plant Diseases	6	.....	.....	2	1
Poultry Husbandry:—					
Problems	6	.....	.....	2	1
Project	6	2	.....	2	.....

SYLLABUS

B.Sc. (Agr.) Course

SUBJECTS	Course Numbers	First Term per week		Second Term per week	
		Lects.	Labs.	Lects.	Labs.
FIRST YEAR					
Agriculture:—					
General Agriculture	10	2	1	2	1
Botany:—					
Introductory Botany	10	2	2	2	2
Chemistry:—					
Inorganic Chemistry	10	3	2	3	2
English:—					
Composition	14	1	1	1	1
Literature	16	2	..	2	..
Mathematics:—					
Elementary Mathematical Analysis	10	3	..	3	..
Physics:—					
General Physics	12	3	1	3	1
SECOND YEAR					
Agriculture:—					
General Agriculture	20	2	1	2	1
Chemistry:—					
Organic Chemistry	20	3	2	3	2
Economics:—					
Elementary Principles	20	..	..	3	..
*English:—					
Modern Literature	25	2	..	1	..
or					
Speaking and Writing	26	2	..	1	..
Mathematics:—					
Calculus	20	3	..	3	..
Physics:—					
General Physics	22	3	1	3	1
Zoology:—					
General Zoology	20	2	2	2	2

*Second year students must take either English 25 or English 26.

SYLLABUS

B.Sc. (Agr.) Course

Third and Fourth Years

SUBJECTS	Course Nos.	Unit Value	Periods per week		Term Given	Session offered (if alternating)
			Lects.	Labs.		
Agricultural Engineering:						
Farm Buildings	31	4	2	2	Second	
Spraying and Dusting Equipment	32	2	..	2	Second	
Farm Machinery	33	4	2	2	First	
Farm Power Machinery	34	4	2	2	Second	
Agricultural Drafting	35	6	..	3	Both	
Projects	36	3	..	3	Second	
Mechanics of Materials	37	4	2	..	Both	
Shopwork	38	6	1	2	Both	
Engineering for Land Development	39	4	2	1	First	}
		2	2	..	Second	}
Farm Electrification	40	6	2	1	Both	
Agronomy:						
Cereal Crops	31	4	2	2	Second	
Hay and Pasture Crops	32	3	2	1	First	
Roots, Corn and other Silage Crops	33	3	2	1	First	
Experimentation	34	4	..	2	Both	
Plant Breeding	35	3	2	1	Second	
Crop Adaptation and Distribution	36	3	2	1	Second	
Soil Management	38	2	2	..	First	
Projects	42	2	..	1	Second	
Field Crop Production	43	4	2	..	Both	
Laboratory work of Course 43	430	2	..	1	Both	
Animal Husbandry:						
Swine Production	30	3	2	1	First	
Dairy Cattle Production	34	3	2	1	Second	
Livestock Judging and Management	35	3	..	3	Second	
Animal Breeding	38	3	2	1	Second	
Horses, Sheep and Beef Cattle	41	3	2	1	Second	
Projects	42	3	..	3	First	
Livestock Judging and Management	43	3	..	3	First	
Animal Pathology:						
Elementary Physiology	30	3	3	..	Second	
Disease Prevention A	31	3	3	..	First	
Poultry Diseases	32	2	..	2	First	
Disease Prevention B	34	3	2	1	Second	
Bacteriology:						
General Microbiology	30	4	2	2	Second	
Soil Microbiology	32	4	2	2	First	
Laboratory Methods	33	4	1	3	Second	
Food Microbiology	34	4	2	2	Second	
Dairy Bacteriology	35	4	2	2	Second	
Projects	36	6	..	3	Both	
Seminar	37	2	1	..	Both	
Physiology of Microorganisms	38	4	1	3	First	

SYLLABUS

B.Sc. (Agr.) Course

Third and Fourth Years (*continued*)

SUBJECTS	Course Nos.	Unit Value	Periods per week		Term Given	Session offered (if alternating)
			Lects.	Labs.		
Botany:						
Plant Physiology	30	2	2	..	Second	
Laboratory work of Course 30	300	2	..	2	Second	
Histology and Cytology	31	3	2	1	Second	
Plant Morphology	32	2	..	2	First	
Systematic Botany	33	3	..	2	First	
			..	1	Second	
Technique	34	2	..	2	First	
Chemistry:						
Analytical Chemistry	30	4	2	..	Both	
Laboratory work of Course 30	300	8	..	4	Both	
Course 300 abridged	301	6	..	3	Both	
Organic Preparations	31	3	1	2	First	
Biochemistry	32	2	2	..	First	
Laboratory work of Course 32	320	2	..	2	First	
Physical Chemistry	39	6	1	2	First	
Projects	40	6	..	3	Both	
Seminar	41	2	1	..	Both	
Physiological Chemistry	47	2	2	..	Second	
Laboratory work of Course 47	470	2	..	2	Second	
Plant Biochemistry	48	2	2	..	Second	
Laboratory work of Course 48	480	2	..	2	Second	
Food Chemistry	51	4	2	2	First	
Advanced Food Analysis	52	4	2	2	Second	
Introductory Soil Science	54A	2	2	..	First	
Laboratory work of Course 54A	540A	2	..	2	First	
Introductory Soil Science	54B	2	2	..	Second	
Laboratory work of Course 54B	540B	2	..	2	Second	
Dairying	30	4	2	2	First	
Economics:						
Marketing of Farm Products	30	3	3	..	Second	
Economics of Agriculture	31	3	3	..	Second	
Farm Accounting and Farm Management	32	3	3	..	First	
Economic Analysis	33	6	3	..	Both	
English:						
Literature of Rural Life	31	3	1	..	First	
			2	..	Second	
Modern Drama	32	3	2	..	First	
			1	..	Second	
Extension Methods	30	4	1	1	Both	
Entomology:						
Insect Morphology	30	8	2	2	Both	
Technique	32	2	..	2	Second	
Economic Entomology	33	8	2	2	Both	
General Entomology	34	4	2	2	Second	
Systematic Entomology	35	8	2	2	Both	
Insect Ecology	36	2	2	..	Second	1952-53
Seminar (3rd year)	37	2	..	1	Both	
Seminar (4th year)	37	2	..	1	Both	
Projects	38	4	..	2	Both	
Economic Entomology	39	2	..	1	Both	

SYLLABUS

B.Sc. (Agr.) Course

Third and Fourth Years (*continued*)

SUBJECTS	Course Nos.	Unit Value	Periods per week		Term Given	Session offered (if alternating)
			Lects.	Labs.		
Genetics:						
Elementary Genetics	30	3	3	..	First	
Laboratory work of Course 30	300	2	..	2	First	
Horticulture:						
Vegetable Crops	31	4	2	..	Both	
Laboratory work of Course 31	310	4	..	2	Both	
Landscape Architecture	32	4	2	2	First	
Floriculture	35	4	2	2	Second	
Plant Breeding	36	3	2	1	Second	
Seminar	37	2	..	1	Both	
Pomology (Orchard Fruits)	38	2	2	..	First	
Laboratory work of Course 38	380	2	..	2	First	
Pomology (Small Fruits)	39	2	2	..	Second	
Laboratory work of Course 39	390	2	..	2	Second	
Horticultural Crops	40a	3	2	1	First	
Horticultural Crops	40b	3	2	1	Second	
Fruit and Vegetable Preservation	42	3	2	1	First	
Mathematics:						
Elementary Differential Equations	30	2	1	..	Both	
Elementary Statistics	31	3	2	..	First	
			..	1	Second	
Nutrition:						
Fundamentals of Nutrition	30	4	2	..	Both	
Laboratory work of Course 30	300	2	..	1	Both	
Animal Feedstuffs	32	2	2	..	Second	
Seminar	33	2	..	1	Both	
Parasitology:						
Seminar	34	2	..	1	Both	
Projects	35	3	..	3	Second	
Protozoology	36	4	2	2	First	1952-53
Medical Entomology	37	4	2	2	Second	1952-53
Helminthology	38	6	2	4	Second	1951-52
Physics:						
Meteorology	32	1	1	..	Second	
Biophysics	33	4	2	2	First	
Biophysics	33a	2	1	1	First	
Soil Physics	36	2	1	1	First	
Molecular and Atomic Physics	38	4	2	..	Both	
Plant Pathology:						
Technique	30	2	..	2	Second	
Diseases of Plants	31	4	2	2	First	
Plant Pathology	32	4	2	2	Second	
Mycology	33	4	2	2	First	
Projects	34	4	..	2	Both	
Seminar	35	2	..	1	Both	
Plant Pathology	36	8	2	2	Both	
Poultry Husbandry:						
History of Breeds and Judging	31	2	..	2	First	1951-52
General Poultry Husbandry	33	3	3	..	First	
Laboratory work of Course 33	330	1	..	1	First	
Breeding Principles	34	3	2	1	Second	1951-52
Poultry Farm Management	35	4	1	1	Both	
Research	36	4	..	2	Both	
Projects (Third Year)	37	2	..	2	Second	
Projects (Fourth Year)	37	6	..	3	Both	
Poultry Nutrition	38	3	2	1	Second	1951-52
Sociology:						
Introduction to Sociology	40	3	3	..	Either	
Zoology:						
Comparative Vertebrate Anatomy	31	8	2	2	Both	1951-52
Technique	32	2	..	2	First	

SYLLABUS

B.Sc. (H.Ec.) Course

SUBJECTS	Course Numbers	First Term per week		Second Term per week	
		Lects.	Labs.	Lects.	Labs.
FIRST YEAR					
Art:—					
Art Appreciation	10	1	1	..	..
*Botany:—					
Introductory Botany	10	2	2	2	2
Chemistry:—					
Inorganic Chemistry	10	3	2	3	2
English:—					
Composition	14	1	1	1	1
Literature	16	2	..	2	..
Household Science:—					
Introduction to Household Science	10	2	..	..	..
Mathematics:—					
Elementary Mathematical Analysis	10	3	..	3	..
Physics:—					
General Physics	12	3	1	3	1
Physical Education	10	Minimum 2 hours weekly			
Textiles:—					
Laundering	10	..	..	2	1
SECOND YEAR					
Art:—					
Interior Decoration	20	..	..	1	1
Chemistry:					
Organic Chemistry	20	3	2	3	2
Clothing:—					
Clothing Selection	20	2	..	..	..
**English:—					
Modern Literature	25	2	..	1	..
or					
Speaking and Writing	26	2	..	1	..
Foods and Cookery:—					
Basic Cookery	26	2	3	2	3
Household Administration	20	1	..	1	1
Nutrition:—					
Elementary Nutrition	20	2	..	..	..
Textiles:—					
Textile Fibres and Fabrics	20	2	..	2	..
Zoology:—					
General Zoology	20	2	2	2	2

*First year or Senior Matriculation Biology, or a foreign language, will be accepted in lieu of Botany 10.

**Second year students must take either English 25 or English 26.

SYLLABUS

B.Sc. (H.Ec.) Course

SUBJECTS	Course Numbers	Unit Value	Periods per week		Term Given
			Lects.	Labs.	
THIRD YEAR					
Bacteriology:—					
General and Food Bacteriology	31	4	2	2	First
Chemistry:—					
General Biochemistry	32 and 320	4	2	2	First
Physiological Chemistry	47 and 470	4	2	2	Second
Clothing:—				1	First
Principles of Construction	30	3	..	2	Second
Economics:—					
Elementary Principles	20	3	3	..	Second
Education:—					
Educational Psychology	30	3	3	..	Second
Foods and Cookery:—					
Advanced Cookery	32	6	2	1½	First
			1	1½	Second
Food Values	33	2	1	1	First
Household Administration:—					
Home Management	31	4	1	3	Either
Physics:—					
Biophysics	33a	2	1	1	First
Physiology:—					
Elementary Physiology	30	3	3	..	Second
Elective:—(to be chosen from any non-compulsory course)	..	3	..	..	Either
FOURTH YEAR					
Teaching Option					
Chemistry:—					
Textile Chemistry	50	2	1	1	Second
Clothing:—					
Advanced Clothing	40	6	..	3	Both
Education:—					
Methods of Teaching	40a	4	4	..	First
Practice Teaching	40b	4	2	2	Second
Public Education	42	3	..	3	Either
Institution Administration:—					
Institution Practice	41	3	..	3	Either
Nutrition and Dietetics:—					
Fundamentals of Nutrition	30	4	2	..	Both
Nutrition Laboratory	300	2	..	1	Both
Nutrition Seminar	44	2	2	..	First
Dietetics Option					
Education:—					
Public Education	42	3	..	3	Either
Foods and Cookery:—					
Experimental Cookery	34	2	1	1	First
Institution Administration:—					
Institution Practice	41	3	..	3	Either
Food Production	42	2	2	..	First
Institutional Cost Accounting	43	2	2	..	First
Personnel Management	44	2	2	..	Second
Kitchen Organization	45	2	2	..	Second
Nutrition and Dietetics:—					
Fundamentals of Nutrition	30	4	2	..	Both
Nutrition Laboratory	300	2	..	1	Both
Diet Therapy	41	6	2	..	First
		..	3	1	Second
Nutrition Seminar	44	2	2	..	First

SYLLABUS

HOUSEHOLD SCIENCE—HOMEMAKER COURSE

SUBJECTS	Course Numbers	First Term per week		Second Term per week	
		Lects.	Labs.	Lects.	Labs.
Art:—					
Interior Decoration	5	1	†	1	†
Handicrafts	6	..	1	(either term)	
Clothing and Textiles:—					
Selection and Construction	5	1	2	1	2
Textiles and Laundering	6	1	1	(either term)	
English	5	2	.....	2	.....
Foods and Cookery	5	1	2	1	2
General Science	5	(3 or 4 periods per wk., 2 terms)			
Home and Family Life:—					
The Family, Home and Homemaker	5	2	..	..	..
Child Development	6	.....	.....	1	.....
Home Nursing	5	.....	.....	1 (8-10 wks.)	
Horticulture	5	.....	.....	1½ (8-10 wks.)	
Household Administration:—					
Equipment and Furnishings	6	2 lects. per wk., 1st term*			
Home Management	7	1 lect., 1 lab. per wk., either term			
Household Accounts	9	Experience arranged, either term			
Nutrition and Meal Planning:—		.....	.....	2 (8-10 wks.)	
Principles of Nutrition	5	2	.....	.....	.....
Meal Planning and Table Service	6	1	.....	.....	.....
Physical Education	5	2 hrs. per wk., 2 terms			

*Includes general assignment.

†1 lab. per wk., either term.

LIBRARY

COURSES IN HOUSEHOLD SCIENCE—

PARTIAL COURSES

Partial students may be accepted at the beginning of the session in the B.Sc. (H.Ec.) course, at the discretion of the Director and provided there is accommodation for them. For fees applicable, see page 4521.

HOMEMAKER COURSE

The object of this course is to train girls to deal intelligently with problems relating to the management of a home. The courses are, therefore, planned to give the student training in the different branches of household work, supplemented by a study of the sciences and arts which are related to the home. In planning the course full consideration is given to modern economic development and its relation to the woman in the home.

This is a one year course commencing about September 10th and finishing about June 8th.

ENTRANCE REQUIREMENTS

1. For general requirements, see page 4527.

2. All candidates for admission to the Homemaker Course must have entered their eighteenth year and have successfully completed at least two years of High School work.

SYLLABUS (see page 4592)

DESCRIPTION OF COURSES

ART

5. INTERIOR DECORATION

A study of homes and interiors including colour, furniture, textures and arrangement. Appreciation of Art in various fields and the compiling of illustrated notes to be bound in book form at the end of the year.

1 lect. per wk., 2 terms: 1 lab. per wk., either term as arranged. *Miss Jaques*

6. HANDICRAFTS

Elementary principles of weaving and leathercraft. A special fee is charged for the purchase of materials. Approximate cost, $8.00.

Equivalent of 1 lab. per wk., either term. *Miss Frew and Miss Wren*

CLOTHING AND TEXTILES

5. SELECTION AND CONSTRUCTION

A study of dress design as it applies to the individual; standards for buying ready-made garments and household textiles; clothing budgets

and good grooming. Construction of garments includes the making of a tailored cotton garment, a wash dress of cotton or spun rayon, a silk or wool dress, a silk undergarment or other garment depending on student progress and wardrobe needs. Approximate cost of course: $20 to $25.

1 lect., 2 labs., per wk., 2 terms. *Miss Guilford*

6. TEXTILES AND LAUNDERING

A study of the construction of fabrics, finishing, dyeing and printing; major fibres and their reactions to laundering or cleaning; recent developments in textiles; laundry soaps, soaps and water softeners; stain removal; methods and practice in washing and ironing clothing and household fabrics including study of types of washers and ironers.

1 lect., 1 lab., per wk., 1 term. *Miss Guilford*

ENGLISH

5. LITERATURE AND COMPOSITION

Lectures and laboratory work will cover these topics and activities; reading comprehension, appreciation of good literature, practical forms of writing, good speech, the conduct of public meetings, debating and discussion methods.

2 lects. per wk., 2 terms. *Professors Avison and Hall*

FOODS AND COOKERY

5. BASIC COOKERY

This includes a study of food materials—their composition, cost and market conditions, as a basis for selection. Principles of food preparation are stressed and practice given in methods of cookery applicable to the home.

1 lect., 2 labs., per wk., 2 terms. *Miss Trapp*

GENERAL SCIENCE

5. PHYSICAL AND BIOLOGICAL SCIENCES

An introduction to the elements of chemistry, physics and biology with special references to their application to the home.

3 or 4 periods per wk., 2 terms.

HOME AND FAMILY LIFE

5. THE FAMILY, HOME, AND HOMEMAKER

This course deals with the historical development of family life; the functions of the family; personality and self-integration; the present-day homemaker and her role in family and community life.

2 lects. per wk., 1st term. *Miss Trapp*

UNIVERSITY LIBRARY

6. CHILD DEVELOPMENT

The principles of child psychology as related to the study of child growth and development.

1 lect. per wk., 2nd term. *Miss Trapp*

HOME NURSING

5. HOME NURSING

Location, ventilation, furnishing, temperature, care of sick room; making of beds; bed baths; care of patient; taking temperatures; prevention and care of bed sores, emergencies, infectious diseases. Care of young baby and mother. Dental health.

1 lect. per wk., 2nd term. (8-10 weeks).

HORTICULTURE

5. HOME GARDENING

This course includes a study of vegetable gardening, fruit culture, the lawn, the management of plants used in the beautification of grounds and the care of decorative plants in the home.

1½ hrs. per wk., 8 to 10 wks., 2nd term.

HOUSEHOLD ADMINISTRATION

6. EQUIPMENT AND FURNISHINGS

A study of house plans and kitchens, from the standpoint of convenience and attractiveness; selection, use and care of household equipment and furnishings, including practical work in cleaning; study of time management; accident prevention in the home; control of household pests.

Presentation of various aspects of homemaking through the use of films, speakers, demonstrations and class assignments.

2 lects. per wk., 1st term; 1 lect., 1 lab., per wk., either term.

Miss Guilford

7. HOME MANAGEMENT

See Home Management 31 (p. 4602).

Practice House Experience.

Equivalent of 2 labs. per wk., 1 term. *Miss Guilford and Miss Trapp*

9. HOUSEHOLD ACCOUNTS

This course deals with the problems of household financing and includes the study of standards of living, budgeting, simple methods of household

accounting, savings and investments. Practice is given in keeping personal accounts during this course.

2 lects. per wk., 8-10 wks., 2nd term. *Miss Guilford*

NUTRITION AND MEAL PLANNING

5. PRINCIPLES OF NUTRITION

This course deals with the nutritional requirements for health, the provision for these in the diet, and the study of the nutritive properties of common food materials.

2 lects. per wk., 1st term. *Miss Neilson*

6. MEAL PLANNING AND TABLE SERVICE

The application of nutrition in daily menu planning; menus for special occasions with appropriate table appointments; rules for table settings and service.

1 lect. per wk., 1st term. *Miss Trapp*

PHYSICAL EDUCATION

5. PHYSICAL EDUCATION

2 hrs. per wk., 2 terms. *Miss Péron*

PERSONALITY AND CONDUCT

A credit is given for good performance in this field.

HOMEMAKER EXAMINATIONS

A certificate is granted to a student who successfully completes the course of study in the Homemaker Course.

For pass standing a minimum of 50% of the marks in each subject and 60% of the aggregate marks for the course is required.

Homemaker students conditioned in more than two subjects will be considered as having failed in the course.

Students conditioned in not more than two subjects may remove the condition by passing a supplemental examination in the particular subject or subjects.

Time lost through absence from classes must be made up after class hours, unless an official report of illness is received.

Examination in any subject may be refused because of absence without accepted excuse from one or more classes in the subject. *See page 4519.*

B.Sc. (H.Ec.) COURSE

This is a four-year professional course leading to the degree of Bachelor of Science in Home Economics.

The final year of the course has been arranged to give more specific training in two fields; in that of a dietitian and in that of a teacher of Household Science. Students enrolling for this year must decide before registering for which of these fields they desire to prepare.

A model Home Management House (the Walter M. Stewart House) is located on the College campus. In this house, under home conditions, the students learn the arts of home management.

Opportunities to observe and practise institutional administration are provided in the dining room of the staff residence at "Glenaladale" and in the main kitchen and cafeteria.

Specialist Certificates for teaching Household Science subjects may be granted by the Protestant Central Board of Examiners of the Province of Quebec to candidates taking the teaching option who have been awarded the B.Sc. (H.Ec.) degree. These certificates are valid only in the Protestant schools of the Province of Quebec. Only those students who may legally teach in Protestant schools should attempt to qualify for this certificate. Those desiring to apply for the certificate will be required to teach a minimum of twelve lessons and undertake prescribed fieldwork.

It may be necessary to limit the number of students in this option.

ENTRANCE REQUIREMENTS

1. The general requirements, page 4527.

2. Academic requirements, page 4537, under "Entrance B.Sc. (Agr.) Course," with modifications indicated.

DESCRIPTION OF COURSES

ART

10. ART APPRECIATION

A study of the main periods in Art and the influence of Art in modern society.

1st Year:—1 lect., 1 lab., per wk., 1st term *Miss Jaques*

20. INTERIOR DECORATION

A study of domestic architecture, period furniture, colour theory, harmony, and planning of interiors, with special emphasis on institutions and food service areas. History of painting with special attention to the moderns.

2nd Year.:—1 lect., 1 lab., per wk., 2nd term. *Miss Jaques*

BACTERIOLOGY

31. BACTERIOLOGY

A course in general and food bacteriology.

3rd Yr.:—2 lects., 2 labs., per wk., 1st term. *Professor Gray*

Text Book:—Swingle—Bacteriology.

BOTANY—*Taken with B.Sc. (Agr.)*

10. INTRODUCTORY BOTANY

1st Yr.:—2 lects., 2 labs., per wk., 2 terms. *Professor Callen*

CHEMISTRY—*Taken with B.Sc. (Agr.)*

10. INORGANIC CHEMISTRY

1st Yr.:—3 lects., 2 labs., per wk., 2 terms.

20. ORGANIC CHEMISTRY

2nd Yr.:—3 lects., 2 labs., per wk., 2 terms. *Professor Baker*

32. GENERAL BIOCHEMISTRY

3rd Yr.:—2 lects. per wk., 1st term. *Professor Common*

320. Laboratory portion of Course 32.

3rd Yr.:—2 labs. per wk., 1st term.

47. PHYSIOLOGICAL CHEMISTRY

Prerequisite Chemistry 32 and Physics 33.

3rd Yr.:—2 lects. per wk., 2nd term. *Professor Common*

470. Laboratory portion of Course 47.

3rd Yr.:—2 labs. per wk., 2nd term.

50. TEXTILE CHEMISTRY

Laboratory Course associated with Textiles 42. Examination of the structure, chemical composition and properties of textile fibres; bleaching; blueing and dyeing; analyses of water, soap and other laundry materials. Prerequisite: Textiles 42.

4th Yr.:—1 lect., 1 lab. per wk., 2nd term.

51. CHEMISTRY OF FOODS AND FEEDINGSTUFFS

2 lects., 2 labs., per wk., 1st term. *Elective.* *Professor Common*

LIBRARY

CLOTHING

20. CLOTHING SELECTION.

History of costume; principles of design as applied to dress; fabrics used for clothing; wardrobe planning with student demonstrations.

2nd Yr.:—2 lects. per wk., 1st term. *Miss Jenkins*

30. PRINCIPLES OF CLOTHING CONSTRUCTION.

Three garments are made, one each of cotton, wool, and rayon.

3rd Yr.:—1 lab. per wk., 1st term. 2 labs. per wk., 2nd term.

Miss Jenkins and Miss Guilford

40. ADVANCED CLOTHING

An advanced course in dressmaking and costume design including pattern making, and tailoring. Experience in weaving is arranged with the Handicrafts Department; for this a special fee is charged. Problems of fitting and clothing the child or high school girl are studied during the construction of remodelled garments.

4th Yr.:—3 labs. per wk., 2 terms. *Miss Jenkins*

ECONOMICS—*Taken with B.Sc. (Agr.)*

20. ELEMENTARY PRINCIPLES.

3rd Yr.:—3 lects. per wk., 2nd term. *Professor MacFarlane*

30. MARKETING OF FARM PRODUCTS.

A study of the marketing of the principal farm products and an analysis and appraisal of private, co-operative, and governmental marketing facilities, with reference to the width of marketing and processing margins. *Elective.*

3 lects. per wk., 2nd term. *Professor Burton*

33. PRINCIPLES OF ECONOMIC THEORY.

An intermediate course in economic theory concerned with an analysis of the forces determining the level of prices, production, and employment. The first term work can be taken without the second. *Elective.*

3 lects. per wk., 2 terms. *Professor Burton*

EDUCATION

30. PSYCHOLOGY

General and practical aspects applied to teaching, learning and living.

3rd Yr.:—3 lects. per wk., 2nd term. *Professor Honey*

40. (a) METHODS OF TEACHING

Investigation is made of how learning takes place and how this can be applied to teaching; a study of the courses in Home Economics for the elementary and secondary schools in Quebec; selection and organization of subject matter for various types of lessons; teaching devices; class management; observation work and the teaching of at least two lessons.

4th Yr.:—4 lects. per wk., 1st term. *Professor Honey*

40. (b) PRACTICE TEACHING

This will include a definite amount of practice teaching with further opportunity for observation. Problems arising from practice teaching at Macdonald College and in Montreal will serve as a basis for some of the discussion. There will be examination of the types of laboratories used in the teaching of Household Science and selection of equipment for same. Methods of keeping necessary records will be investigated. School law will be studied. Field experience is required, to be taken at a time convenient to all concerned.

4th Yr.:—2 seminars, 2 labs. per wk., 2nd term. *Professor Honey*

42. PUBLIC EDUCATION

This course is planned to furnish experience in the preparation and presentation of material for the public in the form of food, clothing, or equipment demonstrations. Job instruction training, etc. will be included.

4th Yr.:—Equivalent of 3 labs. per wk., 1 term. *Professor Honey*

ENGLISH—*Taken with B.Sc. (Agr.)*

14. ENGLISH COMPOSITION

1st Yr.:—1 lect., 1 lab., per wk., 2 terms. *Professor Avison*

16. ENGLISH LITERATURE

1st Yr.:—2 lects. per wk., 2 terms. *Professor Avison*

25. MODERN LITERATURE

An extension of Course 16, with topics and readings drawn from the work of British, Canadian, and American writers in the period from 1880 to the present. This course may be elected by third or fourth year students.

2nd Yr.:—2 lects. per wk., 1st term; 1 lect. per wk., 2nd term.

Professor Hall

26. SPEAKING AND WRITING

An extension of Course 14 for students who require or desire further practice in oral and written expression. Laboratory periods may be substituted for lectures. This course may be elected by third or fourth year students

2nd Yr :—2 lects. per wk., 1st term; 1 lect per wk., 2nd term.

Professors Avison and Hall

LIBRARY

All second year degree course students must take either English 25 or English 26. The prerequisite to these courses is successful completion of senior matriculation English Literature and Composition, or English 14 and 16 at Macdonald College.

30. THE LITERATURE OF UTOPIA

A reading and discussion course on problems of human and social betterment as reflected in our literature. A schedule of topics and readings will be provided at the opening of the course, which will be conducted by lecture and seminar. *Elective.*

3rd or 4th Yr.:—1 lect. per wk., 1st term; 2 lects. per wk., 2nd term.

Professor Hall

31. THE LITERATURE OF RURAL LIFE

A study of Canadian and American regional literature. The schedule of topics and readings, covering the period from pioneer settlements to the present day, will emphasize the large place in our literature held by prose and poetry which is inspired by the land and the people who live on the land. *Elective.*

3rd or 4th Yr.:—1 lect. per wk., 1st term; 2 lects. per wk., 2nd term.

Professor Avison

32. MODERN DRAMA

A reading course in modern English and American drama with special attention to trends and developments since 1900. Not given for fewer than 5 students. *Elective.*

2 lects. per wk., 1st term; 1 lect. per wk., 2nd term. *Professor Hall*

EXTENSION METHODS

30. EXTENSION METHODS

A course in public speaking, study group technique, extension methods in Agriculture and Household Science, rural sociology. *Elective.*

3rd or 4th Yr.:—1 lect., 1 lab., per wk., 2 terms.

Professor Avison and Committee

FOODS AND COOKERY

26. BASIC COOKERY

Study and practice in methods of food preservation. The selection and preparation of foods and the principles of cookery.

2nd Yr.:—2 lects., 3 labs., per wk., 2 terms, and five days of laboratory work in food preservation prior to the opening of the session.

Professor Honey

32. ADVANCED COOKERY

An advanced course in food preparation.

3rd Yr.:—2 lects., 1½ labs., per wk., 1st term; 1 lect., 1½ labs., per wk. 2nd term. *Miss Stickwood*

33. FOOD VALUES

Calculation of the nutritive value of foods and meals, with practical application.

3rd Yr.:—1 lect., 1 lab., per wk., 1st term. *Miss Stickwood*

34. EXPERIMENTAL COOKERY.

Offered for the first time in 1952-53.

4th Yr.:—1 lect., 1 lab. per wk., 1st term.

HOUSEHOLD ADMINISTRATION

20. HOUSEHOLD ADMINISTRATION

A study of house planning, with detailed attention to kitchen from the standpoint of function, convenience, and safety; selection, use, and care of household equipment and furnishings, including practical work in cleaning; menu planning, table service and decorations.

2nd Yr.:—1 lect. per wk., 1st term; 1 lect., 1 lab., per wk., 2nd term. *Miss Devereaux*

31. HOME MANAGEMENT

A study of the process of home management; planning, carrying out the plan, and evaluating with practical application in a well-equipped house on the campus where groups of five students, under supervision, have charge of managing the home, including menu planning, preparation and service, marketing, accounting, and care of supplies, equipment, and furnishings.

3rd Yr.:—3 weeks in Home Management House. 1 lect., and the equivalent of 3 labs., per wk., 1 term. *Miss Devereaux*

HOUSEHOLD SCIENCE

10. INTRODUCTION TO HOUSEHOLD SCIENCE

A course of lectures arranged to acquaint the student with the development and scope of Household Science training.

1st Yr.:—2 lects. per wk., 1st term. *Household Science Staff and others*

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INSTITUTION ADMINISTRATION

41. INSTITUTION PRACTICE

Practical experience in quantity cookery and institution routines in dining departments.

4th Yr.:—3 labs. per wk., 1 term. *Professor Neilson and Staff*

42. FOOD PRODUCTION

Quantity food buying, principles of quantity cookery, and menu planning.

4th Yr.:—2 lects. per wk., 1st term.

43. INSTITUTIONAL COST ACCOUNTING

4th Yr.:—2 lects. per wk., 1st term.

44. PERSONNEL MANAGEMENT

4th Yr.:—2 lects. per wk., 2nd term.

45. KITCHEN ORGANIZATION

The purchasing of large quantity equipment; kitchen planning and sanitation.

4th Yr.:—2 lects. per wk., 2nd term.

MATHEMATICS—*Taken with B.Sc. (Agr.)*

10. ELEMENTARY MATHEMATICAL ANALYSIS

1st Yr.:—3 lects. per wk., 2 terms. *Professor Henry (School for Teachers)*

NUTRITION AND DIETETICS

20. ELEMENTARY NUTRITION

A study of the indications of good nutrition and the essential food constituents.

2nd Yr.:—2 lects. per wk., 1st term. *Miss Trapp*

30. FUNDAMENTALS OF NUTRITION.

For description see Nutrition Department Course 30 in the B.Sc. (Agr.) syllabus.

4th Yr.:—2 lects. per wk., 2 terms. *Professors Crampton and Farmer*

300. NUTRITION LABORATORY.

For description see Nutrition Department Course 300 in the B.Sc. (Agr.) syllabus.

4th Yr.:—1 lab. per wk., 2 terms.

Professors Crampton, Ashton, and Farmer

41. DIET THERAPY.

The function of nutrition as a curative and preventive factor in disease. Visits to hospital clinics and dietary departments. Field trips.

4th Yr.:—2 lects. per wk., 1st term. 3 lects., 1 lab., per wk., 2nd term.

Miss Stickwood

44. NUTRITION SEMINAR.

Part of the work in this course will be taken with B.Sc. (Agr.) students. See Nutrition 33, page 4575.

4th Yr.:—2 seminars, per wk., 1st term. *Professors Neilson and Farmer*

PHYSICAL EDUCATION

10. Physical Education will be included in the work of the first year, all students being required to attend a minimum of two hours weekly during the session. Opportunity is provided for participation of all students in archery, swimming, basketball, skating, hockey, and badminton.

1st Yr.:—1 period per wk., 2 terms. *Miss Péron*

PHYSICS—*Taken with B.Sc. (Agr.)*

12. GENERAL PHYSICS

1st Yr.:—3 lects., 1 lab., per wk., 2 terms. *Professor Rowles*

33a. BIOPHYSICS.

3rd Yr.:—1 lect., 1 lab., per wk., 1st term. *Professor Rowles*

PHYSIOLOGY—*Taken with B.Sc. (Agr.)*

30. ELEMENTARY PHYSIOLOGY.

3rd Yr.:—3 lects. per wk., 2nd term. *Dr. Dale*

PSYCHOLOGY

EDUCATIONAL PSYCHOLOGY.—See course Education 30.

31. CHILD PSYCHOLOGY.

The course will follow the development of the child from prenatal stages through the years of middle childhood. Special emphasis will be placed on the practical aspects of child care, training, behavior symptoms, and the everyday problems of the normal child. *Elective.*

3rd or 4th Yr.:—3 lects. per wk., 1 term.

Professor Munroe (School for Teachers)

SOCIOLOGY

40. INTRODUCTION TO SOCIOLOGY—The Community

An examination of the social patterns of our society, with emphasis on group relationships. Special consideration will be given to the problems of the business and professional woman in modern society. *Elective.*

3 lects. per wk., 1 term.

TEXTILES

10. LAUNDERING.

Effect of common chemicals on textile fabrics; methods of laundering, stain removal and dry cleaning; study of laundry equipment.

1st Yr.:—2 lects., 1 lab., per wk., 2nd term. *Miss Jenkins*

20. TEXTILE FIBRES AND FABRICS.

The source, construction, properties and qualities of textile fibres and fabrics for clothing, household and institutional use. Furnishings for the home and institution will be studied in order to establish a basis for the wise selection of textile materials by the consumer. Prerequisite to Chemistry 50.

2nd Yr.:—2 lects. per wk., 2 terms. *Miss Jenkins*

ZOOLOGY—*Taken with B.Sc.(Agr.)*

20. GENERAL ZOOLOGY.

2nd Yr.:—2 lects., 2 labs., per wk., 2 terms.
Professors DuPorte, Morrison, and Whitehead

B.Sc. (H.Ec.) COURSE EXAMINATIONS

(See page 4580)

The School for Teachers

By an agreement with the Government of the Province of Quebec, dated February 25 and 26, 1907, confirmed by an Act of the Legislature of the Province of Quebec, 7 Edward VII, 1907, chapter 26, it was provided that a School for Teachers should be established at Ste. Anne de Bellevue, under the control of the Protestant Committee of the Council of Education in lieu of the McGill Normal School in Montreal.

This institution is intended to give a thorough training to teachers for kindergarten, elementary, and intermediate diplomas, and the arrangements are of such a character as to afford the greatest possible facilities to students from all parts of the Province. Certificates are awarded to graduates of this school by the Department of Education of the Province of Quebec.

Demonstration lessons, criticism lessons, and practice teaching are given in Macdonald High School, which is organized from Kindergarten to Grade XI. Further experience in practice teaching is offered in the Protestant schools of Montreal and elsewhere throughout the Province.

ANNOUNCEMENT FOR THE SESSION 1951-52

The forty-fifth session of this school will begin on the fourth of September, 1951, and will close on the fifth of June, 1952.

The students are graded as follows:

1.—*Elementary Class.*

2.—*Intermediate Class.*

3.—*Kindergarten Class.*

ENTRANCE REQUIREMENTS

Teachers to be trained for the schools under the control of the Protestant Committee of the Council of Education for the Province of Quebec will be admitted under conditions prescribed by that body, as hereinafter mentioned.

After receiving certificates of admission, accepted candidates must send to the authorities of Macdonald College a certificate of vaccination showing (a) Successful vaccination within seven years; or (b) Immunity to vaccine after two recent unsuccessful vaccinations; such certificate of immunity to be good for five years from date.

McGILL UNIVERSITY LIBRARY

Whenever the authorities of Macdonald College receive the lists of candidates admitted to the various classes, they will communicate immediately with all accepted candidates regarding registration and the sending of the admission certificate and the vaccination certificate. They will also forward a copy of the announcement to those who have not already received one. Candidates who are accepted are, therefore, requested to withhold separate inquiries, pending receipt of such general advice from the College.

Candidates who have received admission certificates, but find themselves unable to attend the College, are requested to advise Dr. W. P. Percival, Department of Education, Quebec, Que., of that fact without delay.

MODE OF ADMISSION TO THE SCHOOL FOR TEACHERS

Anyone desiring to take a course in the School for Teachers to qualify for teaching in the Province of Quebec must apply for authorized forms of application for admission, and for all other information, to the Secretary of the Protestant Central Board of Examiners, Dr. W. P. Percival, Department of Education, Quebec, Que. Application for admission must be made on *or before June 30th*. As Macdonald College is a residential institution, this date must be observed.

Candidates are advised to obtain and read carefully the pamphlet entitled *Circular of Information for Persons Interested in Entering the Teaching Profession* issued by the Protestant Central Board of Examiners.

Candidates for any class must be Canadian citizens, or must have begun the necessary proceedings to become such. They must also furnish the certificates of age and of good moral character, as required by the regulations. Moreover, they must send a medical certificate on a special form obtainable from Dr. Percival, together with an X-ray report made within the previous six months. These must show to the satisfaction of the Central Board that the candidate is in good health and free from physical defects likely to interfere with his or her usefulness as a teacher.

All such candidates, before entering upon a course, must sign an agreement to teach in the Province of Quebec for at least three years after graduation. Such service is expected in lieu of a tuition charge.

Candidates for diplomas for teaching in the Province of Quebec must satisfy the requirements laid down by the Protestant Central Board of Examiners for entrance to the several courses of study in the School for Teachers. Their attention is specifically called to the fact that the courses in French in the School for Teachers are conducted largely in that language. Students who have not had Oral French in the High

School grades should make themselves familiar with Oral French as far as possible before entering the School for Teachers. Otherwise, they will find themselves seriously handicapped.

Elementary Diploma. Applicants for admission to the Elementary Class in the School for Teachers must hold a High School Leaving or equivalent certificate, showing a pass in ten papers.

Candidates for this certificate should have entered their eighteenth year before the first day of September, 1951; that is, they should have been born before the first day of September, 1934.

Intermediate Diploma. Applicants for admission to the Intermediate Class must hold a Senior High School Leaving or equivalent certificate and must also have passed in ten papers in the High School Leaving examination or its equivalent.

The holder of an elementary certificate or diploma who has completed a full session of training and who has subsequently obtained a senior high school leaving certificate, or its equivalent, and has passed in ten papers of the Grade XI examination will be granted an intermediate certificate without further attendance in the School for Teachers. For this purpose the examination for the senior high school leaving certificate may be taken in two parts.

Candidates for this diploma should have entered their nineteenth year before the first day of September, 1951; that is, they should have been born before the first day of September, 1933.

Kindergarten Diploma. Candidates must possess a High School Leaving Certificate. In addition, in place of the two additional papers required for entrance to other classes of the School, special proficiency in music and art is required. The standard to be aimed at on the piano might be the equivalent of the Junior Grade Certificate of the McGill Conservatory of Music, though exceptions will be made for suitable candidates. The vocal requirement includes voice of good quality suitable for modelling songs to junior classes and the ability to sing in tune while playing accompaniments. The art requirement includes proficiency in drawing with pencil, in the use of water colour and of colour crayon on the blackboard. Candidates are required to submit samples of their work to the Director of the School.

To prevent disappointment and inconvenience, candidates desiring to enter the Kindergarten course should submit a statement of their qualifications in music and art to the Director of the School for Teachers for his approval before June 1st, 1951.

Candidates for admission to the Kindergarten Class should possess special qualities of sympathy and interest which are necessary for success in teaching young children. For this class they must be at least seventeen years of age, that is, they should have been born before September 1st, 1934.

High School Diploma. Candidates holding the degree of B.A., B.Sc., or B.Sc. (Agr.) with credit in the prerequisite subjects may be admitted to the Intermediate Class and, upon graduation, will be qualified to receive the High School Diploma.

Agriculture Specialist Certificate. (see page 4583.)

Home Economics Specialist Certificate. (see page 4597.)

SPECIAL CONDITIONS

The Central Board of Examiners has the right to admit to any class, in exceptional cases, persons whose qualifications may be insufficient for entrance. Any person who applies for admission under special circumstances should give on the back of his application form a full statement of his reasons for asking special consideration.

The Central Board of Examiners may grant diplomas of any grade to candidates in special cases upon any examination specifically indicated by it.

The Central Board of Examiners has power to limit the number of admissions to the School for Teachers.

BURSARIES

Persons from rural districts who will find it impossible to enter the School for Teachers without government assistance may apply for bursaries to the extent of $200.

Application for these special bursaries should be made on a special form at the same time as the candidate applies for admission to the School for Teachers, must be accompanied by full particulars regarding the financial circumstances of the family and be supported by two letters from responsible persons who are familiar with the conditions.

TRAVELLING EXPENSES

On being awarded an elementary, intermediate, or kindergarten certificate, each teacher-in-training at the School for Teachers residing 200 miles or more from Montreal will be paid, out of the funds provided by the Government, the sum of five cents for each mile that his home, in the Province of Quebec, is distant from Macdonald College.

TEACHERS' DIPLOMAS

The Director of Protestant Education and the Protestant Central Board of Examiners, under the regulations of the Protestant Committee, alone have the power to grant certificates and diplomas valid for Protestant schools.

To graduates of training courses, interim certificates shall be granted of the following grades: kindergarten, elementary, intermediate and high school. The elementary certificate is primarily intended to permit the holder to teach in rural elementary schools.

Interim high school certificates shall be exchanged for permanent diplomas when evidence of successful teaching for two years shall have been submitted to the Director of Protestant Education.

Interim kindergarten, elementary and intermediate certificates shall be exchanged for permanent diplomas when evidence of successful teaching for two years shall have been submitted to the Director of Protestant Education as well as of the successful completion of one session at an approved professional summer school.

Holders of interim certificates who, in the opinion of the Inspector, shall have taught successfully shall receive from him statements to that effect. When teachers have obtained two such recommendations and have satisfied summer school requirements that may be demanded of them, they shall send the statements together with their interim certificates to the Department of Education where they will be exchanged for permanent diplomas.

Under the regulations of the Protestant Committee, certificates and diplomas of any grade are given only to teachers who have completed professional training.

The examinations for elementary, kindergarten, and intermediate certificates shall be the sessional examinations of the School for Teachers, together with reports on ability to teach and to govern, rendered by the Director of the School.

Advanced elementary and advanced intermediate diplomas are granted after successful attendance at approved professional summer schools, in accordance with the regulations.

Graduates and undergraduates who are candidates for High School diplomas must take the lectures in Education provided by the universities or the School for Teachers, and must teach for a minimum of twenty-five days, as required by regulation.

All holders of intermediate diplomas from the School for Teachers shall be entitled to receive high school diplomas on graduating at some Canadian or other British University provided they have fulfilled the requirements in regard to their degree course that are demanded in Regulation 130 (f).

UNIVERSITY LIBRARY

KINDERGARTEN TEACHER CERTIFICATE

Candidates are required to complete the following courses: (For description of the courses see page 4612)

DIVISION I : GENERAL EDUCATION

Modern Western Civilization; Health Education; Scripture; English 1T and 2T.

DIVISION II : FOUNDATIONS OF EDUCATION

Education 1 : The Growth and Development of Children
Education 2 : The Child at School
Education 4 : The Principles of Education

DIVISION III : PRINCIPLES OF TEACHING

Education 10 : General Method and Practice
Education 11 : The Theory and Practice of Kindergarten
Education 12 : Methods and Materials

(a) English
(c) Health and Recreation
(e) Music and Art
(f) Social Studies

Education 13: School Organization and Management

(a) The Primary Department

DIVISION IV : THE PRACTICE OF TEACHING

Education 20: The Practice of Teaching in the Elementary School

ELEMENTARY CERTIFICATE

Candidates are required to complete the following courses: (For description of the courses see page 4612)

DIVISION I : GENERAL EDUCATION

Modern Western Civilization; Health Education; Scripture; English 1T and 2T.

DIVISION II : FOUNDATIONS OF EDUCATION

Education 1: The Growth and Development of Children
Education 2: The Child at School
Education 4: The Principles of Education

DIVISION III : THE PRINCIPLES OF TEACHING

Education 10: General Method and Practice
Education 12: Methods and Materials
Education 13: School Organization and Management

DIVISION IV : THE PRACTICE OF TEACHING

Education 20: Observation and Practice Teaching

INTERMEDIATE CERTIFICATE

Candidates are required to complete the following courses: (For description of the courses see below.)

DIVISION : GENERAL EDUCATION

Modern Western Civilization; Health Education; Scripture; English 25.

DIVISION I : FOUNDATIONS OF EDUCATION

Education 1: The Growth and Development of Children

Education 3: Educational Psychology

Education 4: The Principles of Education

DIVISION II : THE PRINCIPLES OF TEACHING

Education 10: General Method and Practice

Education 12: Methods and Materials

Education 13: School Organization and Management

DIVISION IV : THE PRACTICE OF TEACHING

Education 20: Observation and Practice Teaching

DESCRIPTION OF COURSES

DIVISION I : GENERAL EDUCATION—Professor Hanson in charge

MODERN WESTERN CIVILIZATION: An integrated course outlining parallel patterns of development in history, music, literature and the fine arts; geographical settings and influences in Europe and America, 1789-1951. 2 hours a week. *The Staff*

HEALTH EDUCATION: Fundamental physiology; hygiene; nutrition. 1 hour a week. *Miss Péron*

SCRIPTURE: The historical and literary background of the Bible. 1 hour a week. *Lecturer from the Divinity Faculty*

McGILL UNIVERSITY LIBRARY

ENGLISH:

1T. A course designed to improve appreciation and skills in oral and written language. Elementary and Kindergarten classes.

2 hours a week. *Professor Hall*

2T. Oral and written composition. Intermediate class.

1 hour a week. *Professor Hall*

25. A survey of the development of the novel, drama, and poetry since 1880 as illustrated in the literature of England, the United States, and Canada. Intermediate Class.

2 hours a week, 1st term; 1 hour a week, 2nd term. *Professor Hall*

DIVISION II : FOUNDATIONS OF EDUCATION—Professor Munroe in charge

EDUCATION 1—The Growth and Development of Children

A study of the general characteristics of physical, social, and emotional development in children.

2 hours a week, Autumn Term. *Professor Munroe and Miss Bowers*

EDUCATION 2—The Child at School

Elementary educational and child psychology. Testing and Measurement. Mental health and educational guidance. Elementary and Kindergarten Classes.

2 hours a week, Winter and Spring Terms. *Miss Bowers*

EDUCATION 3—Educational Psychology

Growth and development of children through adolescence. Psychology of learning. Individual differences. Growth and development of personality. Testing and measurement. Mental hygiene and educational guidance. Intermediate Class.

2 hours a week, Winter and Spring Terms. *Professor Munroe*

EDUCATION 4—The Principles of Education

The history and philosophy of education. Comparative education. School law and management.

2 hours a week. *Professor Munroe*

DIVISION III : THE PRINCIPLES OF TEACHING—Professor Hall in charge

EDUCATION 10—General Method and Practice

(a) Curriculum organization, lesson planning, teaching media and methods, individualization of instruction, evaluation and testing.

(b) Audio-visual methods and materials, projector operation, the use of films and filmstrips, the use of radio, models and displays, field trips.

(c) School organization and management. During the spring term the course will be divided into three sections:

(1) The Primary Department (Grades 1-3).

(2) The Elementary School (Grades 4-6).

(3) The Junior High School (Grades 7-9).

Students will choose one of these options.

Two hours a week. *The Staff*

Lectures will be planned by various members of the Staff and all members of the Staff will attend. In addition to the lecture periods, one advisory period will also be required each week to review and discuss the material presented in the lectures

2 hours a week. *The Staff*

EDUCATION 11—The Theory and Practice of Kindergarten

The origin and development of Kindergarten and Nursery School Programs. Kindergarten Class.

1 hour a week. *Miss Bowers*

EDUCATION 12—Methods and Materials

(a) English, 3 hours a week, Autumn and Winter Terms,
2 hours a week, Spring Term.
Professor Hall and Miss Bowers

(b) French, 2 hours a week. *Miss Woodburn*

(c) Health and Recreation, 2 hours a week. *Miss Péron*

(d) Mathematics and Science, 2 hours a week. *Professor Henry*

(e) Music and Art, 2 hours a week.
Professor Hanson and Miss Jaques

(f) Social Studies, 2 hours a week. *Mr. Hamilton*

UNIVERSITY LIBRARY

DIVISION IV : PRACTICE TEACHING—Professor Munroe in charge

EDUCATION 20—Observation and Practice Teaching

(a) Observation in suburban and rural schools in September and October.

(b) Six weeks practice teaching in Montreal and suburban schools. During one week of this period students assist in the demonstration classroom operated for two weeks at the college through the cooperation of Macdonald High School.

During the four weeks in the classrooms of the Montreal Protestant Central School Board each student is assigned to an Assisting Teacher selected by the Board.

Practice teaching is supervised by all members of the staff.

November 12th to 23rd, 1951—Montreal schools.

January 14th to 25th, 1952—Suburban schools.

March 3rd to 14th, 1952—Montreal schools.

ADVISORY PROGRAM

Each student is assigned to a member of the Staff, who will act as his Advisor throughout the session. Advisory Group meetings are held weekly and students are encouraged to consult their Advisors as frequently as possible.

CHAPEL SERVICE

Monthly Chapel Service is held usually on the fourth Wednesday of the month at 3.30 p.m. The addresses on these occasions are given by visiting speakers.

TUTORIALS

Students whose standing is unsatisfactory in any subject will be required to attend tutorial classes under the direction of the professor in charge of Division I.

PADRE'S HOUR

Students are required to state with which religious denomination they are connected. They are required to attend weekly periods held by the Honorary Lecturers in Religious Instruction for the discussion of religious problems. Each student is required also to attend public worship at least once every Sunday.

STUDENT TEACHERS' SOCIETY

All students of the School for Teachers are members of the Student Teachers' Society, the officers of which are elected during the first month of the session. Meetings are held monthly and are intended to give the students experience in the organization and conduct of democratic assemblies. The Society is affiliated with the Provincial Association of Protestant Teachers and is also represented on the College Student Council and other all-college organizations.

ASSEMBLY PROGRAMS

Special assembly programs, arranged by the students, are presented each month. These are intended to give teachers-in-training experience in planning and organizing programs which will be suitable for use in schools.

BOOKS

SCHOOL TEXTS

Frequent reference will be made to books authorized for use in the schools of the province. Students should therefore bring with them all the textbooks in their possession which are at present used in Elementary, Intermediate, or High School grades.

STUDENT TEXTS

Student texts in the various courses will be announced by each professor or lecturer at the beginning of the session and may be purchased at the College Book Shop.

SCHOOL FOR TEACHERS BOOK FEE

In order to reduce the expense of textbooks to individual students, an arrangement has been made whereby students of the School for Teachers will pay to the Secretary the sum of two dollars per session for the use of books in certain departmental libraries, thus saving the students the necessity of purchasing individual copies of expensive books.

MCGILL UNIVERSITY LIBRARY

Scholarships and Prizes

FACULTY OF AGRICULTURE—

GENERAL

BURSARIES FOR SONS OF FARMERS

The following bursaries are available on application for *sons of farmers* of Quebec, the Ottawa Valley in Ontario, and the Maritime Provinces, who are living in residence at the College:

Diploma Course students	$10.00
Degree Course students	15.00
Postgraduate students	15.00
School for Teachers' students	15.00

Application for one of these bursaries or for renewal must be made before September 1st and must be accompanied by a recommendation from the local agronome, agricultural representative, or similar official.

B.Sc. (Agr.) COURSE

Eliza M. Jones Scholarships. Five scholarships have been established by a bequest of the late F. P. Jones in memory of his mother. They are restricted to applicants who are sons or daughters of farmers and who are entering the B.Sc. (Agr.) course for the first time. They have a minimum value of $100 and a maximum value of $250 and are renewable from year to year, provided satisfactory academic standing is maintained. Three are reserved for students who are entering the third year of the course. Scholarships will be awarded on the basis of academic qualifications.

Application forms may be obtained from the Registrar, and all applications must be made before September 1st. Candidates are required to submit their complete High School record, their matriculation or school leaving marks, and a confidential letter from their school principal.

Macdonald College Bursaries. A limited number of bursaries are available for degree course students in the Faculty of Agriculture. These may be granted to students in any year of the course, but are intended primarily to assist deserving first-year students who might not be able to attend college without this assistance. The value varies from $50 to $100 according to circumstances, and they are renewable from year to year provided application is made in good time and the recipient's academic record justifies renewal.

Bursary holders may be required to undertake a certain amount of work for the College in return for their bursaries. The maximum number

of hours any bursary holder may be asked to give is three hours a week throughout the session, or one hour for each dollar of his bursary, whichever may be smaller.

Applications for a bursary, and for renewal of a bursary, must be made to the Registrar, on forms provided, before September 1st each year.

Q.W.I. Abbotsford Branch Bursary. The Abbotsford, P.Q. Branch of the Quebec Women's Institutes offers a bursary of $25 to any student from Abbotsford who is accepted at Macdonald College in any faculty or school.

The Borden Company Limited Scholarship. A scholarship valued at $200 is offered by the Borden Company Limited of Canada to encourage promising students who take a course of study of value to the dairy industry. The award will be made to a student on completion of his third year, half payable at the beginning of the first term of the fourth year, the balance at the beginning of the second term. The following factors will be considered in making the award: high standing in the subjects of his course during the third year with emphasis on dairying, dairy chemistry, or dairy bacteriology; participation in student organizations and college activities; co-operation with students and staff in the advancement of the interests of the student body and the College as a whole.

Applications should be addressed to the Registrar before August 15th.

S.P.C.A. Scholarship. The Canadian Society for the Prevention of Cruelty to Animals offers a scholarship of $200, which will be awarded to a student in the Animal Husbandry option who has high standing in all the courses of his third year work, with particular emphasis being placed on the candidate's aptitude for livestock work. The winning student will not necessarily be the one who ranks first at the end of the third year in final examinations.

Should the best qualified student be already the holder of some other scholarship or bursary, the Scholarships Committee may, at its discretion, award the scholarship to some other candidate.

The Daughters of the Empire Scholarship. As a recognition of the value of agricultural education in their Province and Country, the Imperial Order of the Daughters of the Empire, Quebec Provincial Chapter, gives a scholarship of $200, tenable during the third and fourth years of the B.Sc. (Agr.) course, to the Canadian student who obtains the highest marks in the final examinations of the second year. The scholarship is payable to the winning student in two instalments of $100 each at the beginning of his third and fourth years respectively.

UNIVERSITY LIBRARY

James Rist Gorham Memorial Scholarship. A scholarship of $100 established by the late W. M. Gammon in memory of his friend, James Rist Gorham, B.Sc. (Agr.), killed in action March 17th, 1942. The scholarship will be granted to the student in the General Agriculture option who ranks first in the final examinations of the third year.

Nova Scotia College of Agriculture Scholarship. Macdonald College offers a scholarship of a minimum value of $100 to the student of the Nova Scotia College of Agriculture obtaining the highest standing in the work of the Second Year of the degree course in that College.

Chemical Institute of Canada Prize. The Chemical Institute of Canada offers a prize of books to the value of $25 to the student in the Chemistry Option with the highest standing at the end of the third year.

The Lochhead Memorial Prize. In memory of her late husband, William Lochhead, B.A., M.Sc., the first Professor of Biology in Macdonald College, Mrs. Lochhead has established by an endowment of $400, a prize to be awarded to the student, majoring in Entomology, who takes the highest standing in the fourth year, the prize, in value equal to the proceeds of the endowment for one year, to be in books selected by the winner with the approval of the Head of the Department of Entomology.

Governor General's Medal. His Excellency the Governor General of Canada donates a bronze medal to be awarded to the second year student who ranks highest in General Proficiency in first and second year work.

Lieutenant-Governor's Medal. His Honor the Lieutenant-Governor of the Province of Quebec gives annually a silver medal, which is awarded to the student who takes the highest standing in General Proficiency in the first year of the B.Sc. (Agr.) course.

The Stern Cup. Sir Edward D. Stern, Fan Court, Chertsey, Surrey, England, has donated a silver challenge cup, which is held for one year by the student who makes the highest aggregate in Stock Judging in the final year of the subject.

The Cutler Shield. Mr. Garnet H. Cutler, Professor of Agronomy, Purdue University, Lafayette, Indiana, the first lecturer in Cereal Husbandry, Macdonald College, has donated a bronze challenge shield, which is held for one year by the student majoring in Agronomy, who makes the highest aggregate in the final year.

The Conklin Trophy. Dr. Raymond L. Conklin has donated a trophy to be held for one year by a student in any year of the degree course who obtains the highest percentage of total marks and who, during the same year, has won a place on the College Rugby team and on one other team sport. The winner's name will be engraved on a shield on the trophy, which will be awarded only once to any individual.

The T. Fred Ward Swimming Trophy. A silver challenge cup donated by Mr. T. F. Ward, former Secretary of the College, to be held for one year by the student winning the greatest number of points at the annual men's swimming meet.

The Janet Morison Robb Bursary for Women. See page 4629.

General University Scholarships. See page 4623.

Note:—No prize will be awarded to any student in any of the classes whose percentage of marks is below seventy, unless by special action of the Faculty.

GRADUATE SCHOLARSHIPS

Walter M. Stewart Scholarship. Two scholarships of $500 each are offered graduate students at Macdonald College. One may be held by a graduate student whose undergraduate work was taken at the Institut Agricole d'Oka, one by a student from Ste. Anne de la Pocatiere. Application for these scholarships must be made to the Directors of the two colleges mentioned.

C.I.L. Fellowship. Canadian Industries Limited offer a Fellowship of a value of $750 to a student engaged in graduate work at Macdonald College. The Fellowship is open to any British subject who is a graduate of a recognized university, and the chosen candidate may be registered in any department provided his research is concerned with some phase of the use of chemicals in agriculture. At the close of the academic year a full written report of all work performed under the Fellowship shall be submitted to Canadian Industries Limited.

Each award shall be for one academic year but, in the event that a Fellow shows by his progress and application that such a course is desirable, the Fellowship may be re-awarded to the same person for a further term of one year.

Applications, addressed to the Registrar, must be made before May 15th each year.

Alumni Scholarships. Two scholarships, valued at $200 and $150 respectively, are offered to graduates of Macdonald College who wish to undertake graduate work, either at Macdonald College or at any other recognized institution. The first is restricted to graduates in Agriculture; the second is open to graduates in Agriculture or in Household Science. Both are tenable for one year but may be renewed under special circumstances.

Applications should be directed to the Secretary of the Macdonald Branch of the McGill Graduates Society, Macdonald College, P.Q., before October 1, 1951.

UNIVERSITY LIBRARY

DIPLOMA COURSE

The Fisher Trust Fund, in memory of the late Honourable Sydney A. Fisher, formerly Member of Parliament for Brome County and Minister of Agriculture, Canada, offers for the session 1951-52, two agricultural scholarships of $75 a year each, tenable at Macdonald College for two years, for the Diploma Course in Agriculture, from November 1st, 1951, to March 31st, 1952, on the following conditions:—

1. The candidates must be sons of farmers in the County of Brome, co-operating in farm activities during the period of their college course.

2. The candidates must be at least sixteen years of age.

3. The candidates must have passed at least grade IX of the High School course.

4. These scholarships will be continued from term to term only upon favourable reports from the Dean of the Faculty of Agriculture.

Applications must be sent, on or before the 1st of October, 1951, to the Chairman of the Fisher Trustees, R. F. Cowan, Mansonville, Que.

Q.W.I. Bursary. The Quebec Women's Institute provides a bursary of $50 to the student entering the second year of the Diploma Course, who:—

(1) Is a professional farmer's son, (or daughter) from the Province of Quebec.

(2) Has spent at least one season (seed time to harvest) in his father's employ on the farm.

(3) Intends to return to his father's farm for at least one year on completion of his course (or to manage his own farm).

(4) And who, if more than one candidate presents himself as fulfilling the above three requirements, takes the highest proficiency in agricultural subjects in the first year or, if he is the only candidate, obtains at least class II standing in these subjects.

If no student can qualify for the above, this bursary will be made available as an entrance bursary to the first year of the Diploma Course.

Q.W.I. Abbotsford Branch Bursary. See page 4618.

Kiwanis Club Bursaries. The Kiwanis Club of Montreal offers five bursaries of $100 each for students entering the first year of the Diploma Course. Special consideration will be given to applications from members of calf clubs in their home districts. The bursaries are restricted to students from the Montreal area, which includes calf clubs at Huntingdon, Ormstown, Howick, Cowansville, Lachute, and Arundel.

Applications must reach the Registrar not later than October 1st, 1951, and must be accompanied by a letter of recommendation from the applicant's school principal, calf club leader, or agricultural representative.

La Ferme Prize. Robert Raynauld, M.S.A., Editor of *La Ferme* magazine, offers a prize of $25 for competition among students of the second year of the Diploma Course who come from farm homes and who intend to return to farming after graduation. The prize will be awarded to the eligible student who presents the best project.

Canadian Feed Manufacturers' Association Prize. A prize of $25 awarded to the student in the Livestock Farming Group of the Diploma Course who presents the best project.

Lieutenant-Governor's Medal. His Honour the Lieutenant-Governor of the Province of Quebec, gives annually a bronze medal, which is awarded to the student who takes the highest percentage in General Proficiency in the First Year of the Diploma Course.

Minister of Agriculture's Medals. The Honourable the Minister of Agriculture of the Province of Quebec offers annually two bronze medals in connection with the Diploma Course, Second Year Class, to be presented to the students ranking first in the Dairy Farming and in the Fruit Farming Groups respectively.

B.Sc. (H.Ec.) COURSE

His Honour the Lieutenant-Governor of the Province of Quebec donates two medals:

(1) *A silver medal*, to be awarded to the student who ranks highest in the third year of the B.Sc. (H.Ec.) Course.

(2) *A bronze medal*, to be awarded to the student who ranks highest in the second year of the B.Sc. (H.Ec.) Course.

The Montreal Housewives' League gives a prize for the best results secured in the conservation of food, as demonstrated in home methods of canning fruits and vegetables. The prize is awarded at the end of the second year.

The Frederica Campbell Macfarlane Scholarship. A scholarship has been donated by the Quebec Women's Institute in memory of the late Frederica Campbell Macfarlane, graduate in Institution Administration, 1912, Superintendent of the Quebec Women's Institute from 1913 to 1919. This scholarship, valued at $50, is open only to students from a rural district of the Province of Quebec, and is awarded on the results of the final examinations in any one of the first three years of the B.Sc. (H.Ec.) Course.

LIBRARY

Mrs. Alfred Watt Memorial Scholarship. A Scholarship has been established by the Quebec Women's Institutes as a memorial to a distinguished Canadian, Mrs. Alfred Watt, M.B.E., who introduced the idea of Women's Institutes in England and Wales and was President of the Associated Country Women of the World from 1930 to 1947. This scholarship, valued at $50 annually, is awarded to a student from rural Quebec in the second, third or fourth year of the B.Sc. (H.Ec.) course who shows qualities of leadership and is worthy of financial encouragement to complete her course.

I.O.D.E. Bursary The Imperial Order Daughters of the Empire offers a bursary of $200 to a Canadian student who has successfully completed the second year of the B.Sc. (H.Ec.) course and has obtained satisfactory standing. The bursary is offered to aid a worthy student who is in need of financial assistance in order to complete her studies. It is payable in two equal instalments at the begnining of the third and the fourth years of the course. Other considerations being equal, preference will be given to a candidate from rural Quebec. Application must be made to the Registrar before September 1st, on forms supplied by the College.

Canadian Home Economics Association Bursary. The Montreal Branch of the Canadian Home Economics Association offers a bursary of $50 to a deserving student on completion of the third year of the B.Sc. (H.Ec.) course. Application for this bursary must be made to the Registrar before September 1st. The award will be paid at the beginning of the fourth year.

Q.W.I. Abbotsford Branch Bursary. See page 4618.

UNIVERSITY SCHOLARSHIPS

Students at Macdonald College are eligible to apply for the following University scholarships and bursaries. Applications are to be sent to The Registrar, McGill University, Montreal 2, Que., before July 1st, unless otherwise stated.

Morris W. Wilson Memorial Scholarships. Established by contributions from a large number of intimate friends and business associates of the late Morris W. Wilson as a memorial to a distinguished citizen who, among his many public activities, rendered distinguished service to the cause of education, and who, at the time of his death, occupied the office of Chancellor of McGill University. The creation of the fund marks the culmination of a hope long cherished by Mr. Wilson, that of supplying the means whereby young Canadian boys and girls of outstanding ability and promise, but in poor financial circumstances, might obtain the benefits of a university education. It is hoped that this fund may be the means of

assisting many deserving young Canadians, particularly those from rural areas, to become better equipped to perform the duties of citizenship and so more effectively to apply their abilities to the general development and welfare of the country.

These Scholarships are open on equal terms to men and women of Canadian parentage, now resident in Canada, and are open only to students who wish to enter the Faculty of Arts and Science, the Faculty of Engineering, or the degree course in Agriculture at Macdonald College. Each Scholarship covers the full tuition fee of the student, as well as the cost of board and residence at Douglas Hall, the Royal Victoria College, or Macdonald College, for the full period necessary to enable the student to obtain his degree. The holder will normally forfeit the Scholarship if, during his course, he fails to maintain first class academic standing. In individual cases, where the student's home is at a considerable distance from Montreal, the Board of Governors may, at its discretion, make a contribution towards the cost of railroad fare.

The Ottawa Valley Bursaries. These two bursaries are:

1. The P. S. Ross Bursary, of the value of $100, founded by Dr. P. D. Ross, B.A.Sc., LL.D., in memory of his father, the late Mr. P. S. Ross.

2. The Ottawa Valley Graduates' Society Bursary of the value of $75.

These bursaries are given through the Ottawa Valley Branch of the Graduates' Society. The winners are selected by the University from candidates who have written (1) The McGill School Certificate Examination or (2) The Quebec Catholic or Protestant High School Leaving Examination or (3) The Ontario Middle School Examination or (4) The McGill Senior School Certificate or (5) The Ontario Upper School Examination.

Applications must reach the Registrar's Office, McGill University, before September 1st.

The Isabella C. MacRae Scholarship. This scholarship of $150 is open to residents of Maxville, Ont., who have satisfied the requirements for entrance to McGill University. Should there be no successful applicants from this locality for six years, the scholarship will subsequently be open to any resident in Ontario.

The Christie-Storer Chapter Scholarship. A scholarship of the value of $110, endowed by the above-named Chapter of the I.O.D.E. in memory of the men of St. Lambert who fell in the Great War, 1914-18, is awarded annually to the pupil of St. Lambert High School who stands highest in the June High School Leaving examination each year, provided that the pupil's aggregate is at least 700 marks out of a possible 1000.

UNIVERSITY LIBRARY

B'nai B'rith Bursaries. Three bursaries of $100 each have been given by the Mount Royal Lodge of B'Nai B'rith. These bursaries are open to men and women students in any faculty. Need and scholarship will determine the award. Applications in writing must reach the Registrar's Office, McGill University, before the end of August.

B'nai B'rith Hillel Foundation Bursary. This Bursary of $200, established by the B'nai B'rith Hillel Foundation of McGill University, is awarded by the University Scholarships Committee to a deserving student, irrespective of race, colour, or creed, in any faculty, preference being given to a student returning from service in the armed forces.

Frederick Southam Ker Bursary. This bursary was established in 1941 by the late F. N. Southam in memory of his grandson, Frederick Southam Ker, who was killed in action on September 6th, 1940. This bursary of $175 is open on equal terms to men and women of all faculties without respect to religion or race. It is awarded to a student who gives promise of becoming a good citizen but is handicapped in his or her academic course by lack of funds. Financial need, character, and academic record are all taken into account in making the award.

Khaki University and Y.M.C.A. Memorial Scholarship Fund. The interest on this fund is awarded in scholarships by the Scholarships Committee subject to the following conditions:

1. That the scholarships may be held by undergraduates only;
2. that preference be given to sons and daughters of soldiers:
   (a) who served in the war of 1914-18
   (b) who served in the war of 1939-45.

Leonard Foundation Scholarships. The Leonard Foundation created in 1916 by the late Colonel Reuben Wells Leonard and Mrs. Leonard offers each year a number of scholarships tenable at schools, colleges, and universities in Canada, approved by the Foundation.

The scholarships are open to men and women. A student to be eligible must be "a British subject, of the white race, of the Christian Religion in its Protestant form, and of the full age of fourteen years".

The amount of the award will vary with the need of the winner.

Sons and daughters of the following are given preference in the selection of scholars:

(a) Clergymen, (b) School Teachers, (c) Officers, Non-Commissioned Officers and Men, whether active or retired, of His Majesty's naval, military, or air forces, (d) Graduates of the Royal Military College,

(e) Members of the Engineering Institute of Canada, (f) Members of the Mining and Metallurgical Institute of Canada.

Men and women returning from active service are also given preference over the non-preferred class.

The University is willing to endorse and forward with its recommendation applications of any candidates who may wish to apply through the University and are approved by it.

Such candidates must make their applications on forms to be obtained from the Registrar's Office, McGill University, and must return these to the Registrar before the 15th of February, 1952.

HOMEMAKER COURSE

His Excellency the Governor-General of Canada, donates a bronze medal to be awarded to the Homemaker student who ranks highest in General Proficiency.

The Montreal Local Council of Women donates a prize in books to the value of $10 to be awarded to the student or students of the Homemaker Course showing outstanding ability in practical subjects.

The Janet Morison Robb Bursary for Women. See page 4629.

Q.W.I. Abbotsford Branch Bursary. See page 4618.

SCHOOL FOR TEACHERS

Prizes and Medals

GENERAL

Governor-General's Bronze Medal, presented by His Excellency the Governor-General of Canada. Awarded to the teacher-in-training with the highest standing in the Art of Teaching, whether in the Elementary Class, the Kindergarten Class, or the Intermediate Class.

Gardner Kneeland Memorial Prize in English, established by an endowment of $200, by the late Professor A. W. Kneeland, M.A., B.C.L., in memory of his father. Awarded to the teacher-in-training with the highest standing in English.

Frances Willard Women's Christian Temperance Union Prize in Physiology and Hygiene, presented by The Frances Willard Women's Christian Temperance Union, Westmount, Que. Awarded to the teacher-in-training with the highest standing in Physiology and Hygiene.

A. Kirk Cameron Prize in Primary Methods, presented by A. Kirk Cameron, a member of the Council of Education. Awarded to the teacher-in-training with the highest standing in Primary Methods.

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Dr. S. P. Robins Memorial Prize, established by an endowment of $500, by Miss Lilian B. Robins, B.A., former lecturer in Mathematics, School for Teachers, Macdonald College, in memory of her father, who was first Professor of Mathematics, 1857 and, later, Principal of McGill Normal School, Montreal, until 1907. The income from the endowment for one year will be awarded to the student who obtains a diploma, and is the most deserving student from the point of view of personality, professional attainments, and home circumstances.

Q.W.I. Abbotsford Branch Bursary. See page 4618.

Note:—Prizes are awarded only to students who obtain diplomas in the specified class.

INTERMEDIATE CLASS

The Prince of Wales Medal. Awarded to the teacher-in-training with the highest aggregate in the Intermediate Class.

Director of Protestant Education's Prize. Awarded to the teacher-in-training with the second highest aggregate in the Intermediate Class.

Lieutenant-Governor's Silver Medal in Mathematics, presented by His Honour the Lieutenant-Governor of the Province of Quebec. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in Mathematics.

Director of Protestant Education's Prize in French. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in French.

Le Comité de l'Alliance Française de Montréal Silver Medal. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in French.

Bishop of Montreal's Prize in Scripture. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in Scripture.

The Association of Protestant Women Teachers of Montreal Prize in Education. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in School Management, and Principles of Education.

Milton Hersey Prize in Science, established by an endowment of $250 by Milton L. Hersey, M.A.Sc., LL.D., formerly a member of the Council of Education. Awarded to the teacher-in-training in the Intermediate Class with the highest standing in Science.

ELEMENTARY CLASS

J. C. Wilson Prize, established by an endowment of $1,800, by the late J. C. Wilson. Awarded to the teacher-in-training with the highest aggregate in the Elementary Class.

The Honourable Jacob Nicol's Prize, presented by The Honourable Jacob Nicol, K.C., M.L.C., D.C.L., formerly a member of the Council of Education. Awarded to the teacher-in-training with the second highest aggregate in the Elementary Class.

Lieutenant-Governor's Bronze Medal in Mathematics, presented by His Honour the Lieutenant-Governor of the Province of Quebec. Awarded to the teacher-in-training in the Elementary Class with the highest standing in Mathematics.

Le Comité de l'Alliance Française de Montréal Bronze Medal. Awarded to the teacher-in-training in the Elementary Class with the highest standing in French.

Bishop of Montreal's Prize in Scripture. Awarded to the teacher-in-training in the Elementary Class with the highest standing in Scripture.

Milton Hersey Prize in Science, established by an endowment of $250 by Milton L. Hersey, M.A.Sc., LL.D., formerly a member of the Council of Education. Awarded to the teacher-in-training in the Elementary Class with the highest standing in Science.

The Outremont Protestant Teachers' Association Prize in Education. Awarded to the teacher-in-training in the Elementary Class with the highest standing in School Management and Principles of Education.

Scholarships

Sarah Emma Hill Scholarship. The Sarah Emma Hill Scholarship, endowed by the late Mrs. Sarah Emma Hill, of Stanstead, Que., of the present value of about $100, will be awarded each year to a student in the School for Teachers "where assistance is required,—this money to be used by the Trustees of Macdonald College according to their best judgment."

Candidates for this scholarship are requested to make written application to the Director of the School for Teachers, on or before September 30th, giving full particulars of the grounds upon which their applications are based, and to provide letters supporting their claims from two responsible persons.

In making the award, consideration will be given to scholarship and professional ability.

Ella Bryson Scholarship. This scholarship was bequeathed by the late Miss Ella Bryson of Fort Coulonge, Que., to the Women's Institute of Fort Coulonge, the income from which is to be used as a scholarship at Macdonald College for a student from the Fort Coulonge Protestant

McGILL UNIVERSITY LIBRARY

School taking a course in the School for Teachers. Candidates for this Scholarship are requested to make application to the Director of the School for Teachers on or before September 30th each year, and must be supported by recommendation from the Women's Institute of Fort Coulonge.

I.O.D.E. Bursary. The Municipal Chapter of Montreal Imperial Order Daughters of the Empire awards annually a bursary of $350 in the School for Teachers. This bursary is open to all girls of the High Schools in the municipality of Montreal and vicinity, including Lachine, Longueuil and St. Lambert, and will be awarded by a committee of selection chosen by the Order. Application forms can be obtained from the Principals of the High Schools concerned, or from the Educational Secretary of the Municipal Chapter of Montreal Imperial Order Daughters of the Empire—Mrs. F. M. Stevens, 493 Argyle Avenue, Westmount, Que.

OPEN TO ALL WOMEN STUDENTS

The Janet Morison Robb Bursary for Women was established, by an endowment of $2,000, by the late Honourable James A. Robb, formerly Member of Parliament for Chateauguay-Huntingdon and Minister of Finance, Canada, in memory of his deceased daughter, Janet Morison Robb, wife of Hugh Harvie Donald. The annual bursary will be the income from the endowment for one year.

Preference will be given to women students resident in either of the counties of Chateauguay-Huntingdon, or Beauharnois, who are daughters of widowed mothers of limited or moderate means, or daughters of widowers in similar financial circumstances, or daughters of disabled Canadian soldiers who have seen active service.

Candidates for this bursary are requested to make written application, addressed to the Registrar, Macdonald College, Que., *on or before 15th April 1951*, giving full particulars of the grounds upon which their applications are based, and to provide letters from two responsible persons in support of their claims.

1913-14 Baseball Cup. Donated by the Girls' Athletic Association, 1913-14, for annual intersection baseball competition.

Lady Constance Stewart-Richardson Swimming Cups for General Excellence and General Proficiency in Swimming and Diving. Donated by Lady Constance Stewart-Richardson for annual individual competition.

The Badminton Challenge Cup. Donated by the Girls' Athletic Association, 1928-29, for annual individual competition.

Note:—Only students taking a full year's course at the College are eligible to compete for the swimming cups, the gymnastic medals, and the badminton cup.

THE MACDONALD COLLEGE LIBRARY

The library and reading room are centrally located in the Main Building, occupying the ground floor of an annex leading off the main hall. Seventy-six readers can be accommodated in the reading room; and in a series of alcoves there are reference works and text-books on the work of the various departments.

The present stack-room has accommodation for about 25,000 volumes, and the choice of books has been directed towards bringing together the best of modern literature on subjects of the curriculum of the College.

The Walter M. Stewart Collection includes biography, history, travel, science, etc. This collection has been purchased with sums of money given by Walter M. Stewart, of Montreal.

MACDONALD COLLEGE EXTENSION SERVICES

Departmental Services: — The service of the various departments of Macdonald College are always available for the advancement of the agricultural and home interests of the Province of Quebec. Personal interviews at the College and correspondence are invited.

Adult Education Service: — The College functions through the Adult Education Service in providing an extension programme primarily for rural residents. The service consists of:

Information Centre—This library of programme materials, books, pamphlets, films, study outlines, etc., welcomes requests for help and advice from all kinds of community organizations, as well as from individuals.

Handicraft Department offers instruction to regular day students and also conducts evening classes in weaving, leatherwork and woodwork. Instructors in the department are available for short courses away from the College as time permits.

McLennan Travelling Libraries, McGill University, offer a library service to schools and community organizations. Boxes of forty books are loaned for four months at a moderate charge.

Macdonald College Journal, a monthly publication for English-speaking farmers dealing with matters of agricultural interest in popular articles, written by members of Macdonald College staff and other contributors.

Evening Courses in a wide variety of subjects including home and landscaping gardening, public speaking, dressmaking, music, etc., are offered to adult citizens within travelling distance of Macdonald College during the fall and winter term.

The College also co-operates with the following separate organizations:

Farm Forums—a programme among farmers and other residents of rural areas, that uses radio and group discussion to study problems of agriculture and the rural community. This programme also includes regular meetings each month and county rallies in the spring and fall where plans are made for farm organization and betterment of conditions of rural living. The office of the Quebec Council of Farm Forums is situated in the College and invites visits or inquiries.

Community Schools—Through the Quebec Council of Community Programmes the College supervises and assists adult night schools in a number of English-speaking centres of the province. Courses are offered in a wide variety of subjects ranging from agriculture, cooking, sewing and handicrafts to public speaking, dramatics, and French conversation.

For further information about these activities, write to the Adult Education Service, Macdonald College, P.Q.

Farm Day: — The annual rally of the Farm Forums of Quebec held in June each year is open to all members of the forums and friends of the college. Special tours of the College departments and the farm are arranged. Visitors are welcome.

Visits to the College from individuals or groups with a common interest in the farm, the home, or the school, are always welcomed. However, in view of the present large registration and the somewhat limited facilities, it is often regrettably necessary to curtail visits at times when the student population is largest.

Groups of fifteen or more requiring meals and/or rooms are asked to give two weeks' advance notice and to confirm the numbers in the group not later than three days before arrival. All requests for visiting privileges should be addressed to The Secretary, Macdonald College, P.Q., who will be pleased to quote rates for meals and rooms, if required.

HANDICRAFTS

Macdonald College offers an eight-months course in general handicrafts, which gives theoretical and practical training in a variety of arts and crafts.

Weaving and leather-working are the main divisions of the course. In the weaving portion, once the fundamentals of using the various types of looms have been mastered, the students are given the opportunity of designing special patterns, which they then weave into cloth for making

such articles as tablecloths, luncheon sets, skirt material, etc. Belts, lampshades, tartan scarves, are but a few of the other items which are woven during the course.

In leather-working, all designs are again original, from the simplest change purse to elaborately carved book covers or desk sets. Although most attention is paid to these two crafts, instruction is also given in creative crafts, metal-working, wood-working, whittling, and lino-block printing.

On completion of the course the student is equipped to teach handicrafts in hospitals, recreation centres, summer camps, etc., and it is also a splendid course for art teachers in public schools. Many graduates are now employed in this type of work; others are operating their own studios or workshops in all parts of Canada.

Junior Matriculation or its equivalent is required for admission. The cost of the course, including tuition and materials, is $350. There is no residence accommodation for Handicrafts students at the College, but suitable rooms are available in Ste. Anne de Bellevue within a few minutes walk. For full information and an application form write to the Handicrafts Department, Macdonald College, P.Q.

McGILL UNIVERSITY LIBRARY

Subject to change

APPROXIMATE COSTS OF COURSES AT MACDONALD COLLEGE, APPLYING TO SONS AND DAUGHTERS OF FARMERS OF THE PROVINCE OF QUEBEC, OF THE OTTAWA VALLEY IN ONTARIO, AND OF THE MARITIME PROVINCES

COURSES	Consolidated fee	Student activities		Room and Board	Textbooks, materials, etc. (est.)	Total per session (a) (estimated)		Less (b)	Less (c)	NET COST PER SESSION (estimated)	
		Men	Women			Men	Women			Men	Women
Diploma	20.00	11.55	12.00	210.00	20.00	261.55	262.00	75.00	10.00	176.55	187.00
B.Sc. (Agr.)	150.00	17.00	12.00	295.00	30.00	492.00	487.00	105.00	15.00	372.00	382.00
B.Sc. (H.Ec.)	175.00	—	12.00	295.00	50.00	—	532.00	—	—	—	—
Homemaker	25.00	—	12.00	375.00	50.00	—	462.00	—	—	—	—
School for Teachers	34.00	13.35	12.00	385.00	45.00	477.35	476.00	—	15.00	462.35	476.00
Agriculture Specialist Course	150.00	13.35	—	385.00	45.00	477.35	—	—	—	—	—

(a) *Purely Personal expenditures*, including laundry, uniforms of women students, gymnasium costumes, etc., *are not included* in these figures.
(b) Provincial Government Grant of $15.00 per month of attendance to students of the Province of Quebec. In the case of Graduate students, only bona fide students who give full time to their studies are eligible for the grant.
(c) Special bursary for sons of farmers of the Province of Quebec, of the Ottawa Valley in Ontario, and the Maritime Provinces, awarded to qualified candidates on application supported by references from the local agronome, agricultural representative or similar official.

Subject to change

Approximate Costs of Courses at Macdonald College, Applying to Students who are not Sons or Daughters of Farmers

Courses	Consolidated fee	Student activities		Room and Board	Textbooks, Materials, etc. (est.)	Total for Session (a) (estimated)		Less (b)	Net Cost per Session (estimated)	
		Men	Women			Men	Women		Men	Women
Diploma	100.00	11.55	12.00	210.00	20.00	341.55	342.00	75.00	266.55	267.00
B.Sc. (Agr.)	150.00	17.00	12.00	295.00	30.00	492.00	487.00	105.00	387.00	382.00
B.Sc. (H.Ec.)	175.00	—	12.00	295.00	50.00	—	532.00	—	—	—
Homemaker	300.00	—	12.00	375.00	50.00	—	737.00	—	—	—
School for Teachers	34.00	13.35	12.00	385.00	45.00	477.35	476.00	—	—	—
Agriculture Specialist Course	150.00	13.35	—	385.00	45.00	593.35	—	—	—	—

(a) *Purely personal expenditures*, including laundry, uniforms of women students, gymnasium costumes, etc., *are not included* in these figures.
(b) Provincial Government Grant of $15,00 per month of attendance to students of the Province of Quebec. In the case of Graduate students, only bona fide students who give full time to their studies are eligible for the grant.

UNIVERSITY LIBRARY

The University Library

RICHARD PENNINGTON, B.A., Lib. Dip. (London)
University Librarian

The University Library, which is under the general management of a Committee of Senate, includes the Redpath Library and various Faculty and Departmental libraries in other buildings.

The several libraries of the University now contain over 500,000 volumes and 50,000 pamphlets and receive over 3,000 periodicals, Government publications, and transactions of various literary and scientific societies.

The University Library is rich in early printed books, in Canadiana, and in rare pamphlets of the sixteenth to eighteenth centuries. It has special collections of David Hume, Rousseau, Rilke, Stephen Leacock, and Rudyard Kipling. The Osler Library, devoted to the history of science from classical times, is famous also for its Sir Thomas Browne collection.

The Blackader Library of Architecture has been established in honour of Captain Gordon Home Blackader, B.Arch. The Wood Library of Ornithology was presented by Colonel Casey A. Wood, M.D., LL.D., as a special research collection and reference library. The Blacker Library of Zoology, presented by Robert Roe Blacker and Nellie Canfield Blacker, is a comprehensive reference library on this special subject. It it supplemented by the Lyman Collection of books on Entomology. The Dinah Lauterman Library of Art was established in 1946. The Faculty of Medicine (including the Bibliotheca Osleriana), the Faculty of Engineering, and the Royal Victoria College maintain libraries in their respective buildings; and there are Departmental Libraries in Chemistry, Physics, and Botany. The Library of the School of Commerce, which includes a section on Industrial Relations, is in Purvis Hall. The Faculty of Law Library is in Chancellor Day Hall. There is temporarily an additional Undergraduate Reading Room in the David Morrice Hall of the Presbyterian College.

The Travelling Libraries, now at Macdonald College, provide extramural library service at a moderate fee.

With the Library is affiliated the University Book Club, which supplies its members with recent publications and makes an annual contribution of books to the Library.

The Library maintains a permanent exhibition, open to the public, illustrating the development of the Book Arts.

The University Museums

1. PETER REDPATH MUSEUM

The Peter Redpath Museum, a dignified building in the Neo-Greek style situated between the University Library and the Arts Building, was erected by the donor whose name it bears and was handed over to the University in 1882, the architects being Hutchison and Steele. It is the only building in the University designed solely for museum purposes. It contains, on three floors, a great variety of museum material:

Top floor—Zoology: Vertebrates and invertebrates, including the Carpenter Collection of Mollusca.

Second floor—Geology: Introductory exhibits; Dawson Collection of Palaeontology, Ferrier Collection of minerals, and a condensed exhibition of Economic Geology.

Ground floor—Ethnology: Synoptic exhibit of primitive native cultures from North and South America, Africa, and the Pacific Islands; Lyman Entomological Collection.

Assistant Director, and Curator of Ethnology, Mrs. Alice Johannsen Turnham; *Curator of Zoology*, J. D. Cleghorn; *Curator of Entomology*, G. M. Moore.

2. McCORD NATIONAL MUSEUM

The McCord National Museum, with its valuable collection of Canadiana, is closed until more suitable quarters can be found. Matters concerning the collection should be addressed to Mrs. Alice Johannsen Turnham, Assistant Director.

3. LIBRARY MUSEUM

The Library maintains a permanent display of the History of the Book. This is situated in the Gallery of the Reading Room, and is open to the public between 9 a.m. and 5 p.m. It shows the development of the book from inscribed clay tablets, through the papyrus and parchment roll and the mediæval manuscript, to the commercial printing of today. There are also displays showing the arts of bookbinding and of book illustration. *Curator*, The University Librarian.

4. ETHNOLOGICAL MUSEUM

Selections from this Museum, formerly housed in the Medical Building, are now on display as follows:

1. Synoptic exhibits: North, South, and Central American Indians, Africa, and the Pacific Islands—Redpath Museum.
2. Eskimo—Arctic Institute of North America, 3485 University Street.
3. Mediterranean Culture and Biblical World—Divinity Hall, 3520 University Street.

The remainder of the Ethnological Collection is in storage, pending provision of suitable quarters which will eventually house the Ethnological, Redpath, and McCord Museums under a single roof.

5. In addition to the above there are other collections and exhibits of a specialized nature, ordinarily open only to students but to which access may be gained by application to the Curator concerned. These include the Anatomical, Medical, and Pathological Museums, the Museum of Hygiene,the Rutherford Collection of Experimental Physics, and the Botanical, Zoological, and Architectural collections. At Macdonald College there is a teaching collection containing an herbarium, a collection of insects, and other exhibits related to Canadian agriculture.

Military Training

CANADIAN OFFICERS TRAINING CORPS

McGILL UNIVERSITY CONTINGENT

Lt.-Col. J. M. Morris, M.C., V.D.	*Honorary Lieutenant Colonel*
Lt.-Col. E. M. Counsell, M.B.E.	*Commanding Officer*
Major W. S. Tyndale	*Second-in-Command*
Captain H. A. Steppler	*Officer Commanding Macdonald College Detachment*
Major D. S. Mitchell, R.C.E.	*Resident Staff Officer*
Captain J. D. Cade, R.C.A.C.	*Assistant Resident Staff Officer*

1. GENERAL

The McGill University Contingent, C.O.T.C., is the oldest university unit for the training of army officers in North America, having been officially established on 1st November 1912. At present its maximum authorised establishment is 6 officers and 151 officer cadets. Its offices and mess are located in the Sir Arthur Currie Memorial Gymnasium-Armoury.

The purpose of the training it offers is to qualify a selected number of undergraduates for a commission in one of the corps of the Canadian Army (Active or Reserve Force). Applicants may choose the corps in which they wish to be commissioned, within limits set by the educational requirements of certain corps and by the number of vacancies available in each corps.

2. ELIGIBILITY

Any male student may apply provided that:

(*a*) He is a British subject, domiciled in Canada or intending to reside in Canada after graduation. Other British subjects may apply, but preference will be given to those resident in Canada.

(*b*) He is 17 years of age, and able to complete 2 years of training before reaching the age limit of the corps for which he is applying.

(*c*) He meets the physical requirements of the corps for which he is applying.

(*d*) He is registered as a Regular Undergraduate.

(e) He is able to complete two summers' training at an army training centre before graduation from the University unless he is certain that he is going to take graduate work.

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All applicants will be required to state in their written application that they are willing to complete the minimum programme of training, if accepted, and are desirous of becoming commissioned officers in the Canadian Army (Active Force, Reserve Force, or Supplementary Reserve) upon qualification.

3. TRAINING

The training consists of:

(A) SUMMER (PRACTICAL) TRAINING

A minimum of two Practical Phases of training must be completed; a third Practical Phase is optional. Each phase consists of up to 20 weeks' training during the summer at the training centre of the corps in which the applicant is enrolled. These centres are located throughout Canada from Valcartier, Quebec, to Chilliwack, B.C.

(B) WINTER (THEORETICAL) TRAINING

A minimum of two Theoretical Phases of training must be completed; a third Theoretical Phase is optional. The training consists of lecture-courses given on one night a week during the winter as follows:

First Theoretical Phase (*First Winter*)

Introduction to the Army — 10 hours

Second Theoretical Phase (*Second Winter*)

Military Science — 40 hours

Third (*Optional*) *Theoretical Phase* (*Third Winter*)

Military Science	10 hours
Military Geography	15 hours
Military History	15 hours
	40 hours

4. STATUS AND PAY

Applicants who are accepted are given the rank of Officer Cadet and the status of Second Lieutenant. The rate of pay for Officer Cadets during the Practical Phases of training in the summer is $162.00 a month. In addition board, quarters, medical care, and transportation to and from the training centre are provided free.

Officer Cadets receive $2.70 for each parade night attended during the winter up to a maximum of $54.00 (10 days' pay).

5. QUALIFICATION AND COMMISSIONING

Officer Cadets who complete the First and Second Practical and Theoretical Phases of training are qualified for the rank of Second Lieutenant in the Reserve Force. The completion of the Third Practical and Theoretical Phases as well qualifies an Officer Cadet as Lieutenant in the Reserve Force or Second Lieutenant in the Active Force.

When the necessary military training requirements have been completed, Officer Cadets may obtain a commission in the Reserve Force or the Supplementary Reserve on application. A commission in the Active Force is dependent on the acceptance of the applicant by army authorities.

6. INFORMATION, APPLICATION, AND SELECTION

Requests for further information and applications to join should be made at McGill to the Resident Staff Officer, C.O.T.C. Office, Sir Arthur Currie Memorial Gymnasium-Armoury, 475 Pine Avenue West, and at Macdonald College to Captain H. A. Steppler, Assistant Professor, Department of Agronomy.

Applicants who satisfy the requirements listed in Section 2 will be asked to appear before the University C.O.T.C. Selection Board.

McGILL UNIVERSITY NAVAL TRAINING DIVISION

LIEUT. CDR. (S) D. C. BAIN, R.C.N.(R) *Commanding Officer*

University Naval Training Divisions (U.N.T.D.) were established in Canadian Universities during the War to provide Naval training for students prior to entry into active service in the Navy. These divisions are being continued in peacetime to provide a Naval Officers' Training programme through which students may become commissioned officers in the Royal Canadian Navy (Reserve). Opportunity is also provided in certain branches for entry into the Royal Canadian Navy (Permanent Force) as commissioned officers who will follow the Navy as a career.

A student entering the U.N.T.D. is attested as a Probationary Cadet in a branch of the Navy in which he might become commissioned.

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All members of the U.N.T.D. appear before an Officers' Selection Board before the close of the first academic year. Unsuccessful candidates may present themselves once again, but candidates who fail to pass a second Board are required to withdraw from the U.N.T.D. Those who are successful in passing the Board are designated as Cadets and receive special training. An attractive rate of pay during summer training has been approved: Cadets receive $153.00 per month while in active training.

The Naval Training programme calls for sixty hours' instruction per session. The course is for four years, each year of which is governed by different syllabi particular to the various branches of the Service. Two weeks' training afloat is required each Spring or Summer after the close of the academic year or before the opening of University in the Fall. The training takes the form of a cruise in a Canadian Naval vessel from an East or West Coast port. In 1951, U.S. Ports, Hawaii, and Great Britain were among the places visited by the ships undertaking training cruises. In addition to the required two weeks' training afloat, U.N.T.D. members may also volunteer for paid service ashore or afloat during the remainder of the summer vacation. A cadet is required to spend two full summers in training in order to qualify for a commission. The granting of a commission to a Cadet is contingent upon the Cadet graduating from the University and having completed all U.N.T.D. requirements. On being commissioned, the Cadet is promoted to the rank of Sub-Lieutenant and may elect to go on the "Active" or "Retired" Lists of Reserve Officers.

For further information apply to:

Staff Officer, U.N.T.D.,
H.M.C.S. Donnacona,
1475 Drummond St.,
Montreal.

R.C.A.F. RESERVE UNIVERSITY FLIGHT
(McGILL)

SQUADRON LEADER C. D. SOLIN *Officer Commanding*

SQUADRON LEADER A. W. APPLEBY, D.F.C., B.E.M.
Resident Staff Officer

1. OBJECT

In recognition of the need for a well-trained reserve of Technical and Non-Technical personnel, the R.C.A.F. has established at the major universities throughout Canada Reserve Flights, which provide Air Force training for those undergraduates who are interested in this branch of the Service.

2. ELIGIBILITY

All students may apply subject to the following regulations:

(*a*) Applicants must be Canadian citizens or resident British subjects.

(*b*) Students must be in their first year of a four-year course or first or second year of a five-year course.

(*c*) They must be between the ages of 18 and 29.

(*d*) Applicants must meet R.C.A.F. medical standards.

(*e*) Preference will be given to unmarried students.

3. GENERAL TRAINING

Upon successfully fulfilling the above requirements the students are accepted into the Flight, as officers with the rank of Flight Cadet. Training during the academic year consists of lectures—10 hours during the first winter and 25 hours during the two subsequent winters. These lectures cover such subjects as Military Geography, Defence Economics, Air Force Technology, etc.

4. GROUNDCREW TRAINING

The major part of the first summer with the R.C.A.F. is spent at an R.C.A.F. Station, where all first year Flight Cadets from the Universities across Canada assemble for approximately 7 weeks of indoctrination training. Further training is then given in the following Officer branches of the R.C.A.F.:

UNIVERSITY LIBRARY

(*a*) *Technical*
Aeronautical Engineering
Construction Engineering
Electronics
Armament
Photography

(*b*) *Non-Technical*
Accounts
Legal
Education
Chaplain
Physical Training
Supply
Flying Control

(*c*) *Aircrew*
Pilot
Navigator
Radio Officer

(*d*) *Medical*
Medical Officer
Medical Associate

5. AIRCREW TRAINING

Of those who are accepted into the Flight each Fall, several members are selected for aircrew training—particularly from the technical faculties. The requirements are similar to those previously mentioned with the following exceptions:

(*a*) They must have attained their 18th but not their 22nd birthday on commencement of training.

(*b*) They must be medically fit for full flying duties.

(*c*) They must be unmarried and remain single until completion of training.

6. PAY

Rates of pay are as follows:

First winter—$25.50 for the session.

Second and third winters—$51.00 for the session.

Summers—*Technical Training*—$153.00 per month.

Summers—*Aircrew Training*—$153.00 plus $30.00 per month flying pay.

Uniforms, transportation, board and accommodations, and medical and dental care are free.

7. APPLICATION FOR ENROLMENT

Students interested in obtaining further information are requested to apply to the R.C.A.F. Resident Staff Officer, Sir Arthur Currie Memorial Gymnasium.

Academic Dress

Undergraduates are entitled to wear a plain stuff gown, not longer than half way between the knee and the ankle, with round sleeves cut above elbow.

Bachelor of Arts--Black stuff gown, falling down below knee with full sleeve cut to elbow and terminating in a point (similar to that of the Cambridge B.A.); hood, black silk, lined with pale blue silk and edged with white fur.

Bachelor of Architecture—The same gown as Bachelors of Arts; hood, black silk, lined with white silk and edged with white fur.

Bachelor of Civil Law—The same gown as Bachelors of Arts; hood, black silk, lined with French grey silk and edged with white fur.

Bachelor of Commerce—The same gown as Bachelors of Arts; hood, black silk, lined with purple silk and edged with white fur.

Bachelor of Divinity—The same gown as Bachelors of Arts; hood, black silk, lined with violet silk and edged with white fur.

Bachelor of Engineering—The same gown as Bachelors of Arts; hood, black silk, lined with scarlet silk and edged with white fur.

Bachelor of Fine Arts—The same gown as Bachelors of Arts; hood, black silk, lined one half with pale blue silk and one half with white silk, divided vertically, the blue being on the wearer's right.

Bachelor of Household Science—The same gown as Bachelors of Arts; hood, black silk, lined with jade green silk and edged with white fur.

Bachelor of Library Science—The same gown as Bachelors of Arts; hood, black silk, lined with orange silk and edged with white fur.

Bachelor of Music—The same gown as Bachelors of Arts; hood, black silk, lined with pale mauve silk and edged with white fur.

Bachelor of Nursing—The same gown as Bachelors of Arts; hood, black silk, lined with dark blue silk and edged with white fur.

Bachelor of Science—The same gown as Bachelors of Arts; hood, black silk, lined with yellow silk and edged with white fur.

Bachelor of Science in Agriculture—The same gown as Bachelors of Arts; hood, black silk, lined with dark green silk and edged with white fur.

UNIVERSITY LIBRARY

Bachelor of Science in Physical Education—The same gown as Bachelors of Arts; hood, black silk, lined with claret coloured silk and edged with white fur.

Bachelor of Social Work—The same gown as Bachelors of Arts; hood, black silk, lined with fuchsia silk and edged with white fur.

Master of Arts—Black gown of stuff or silk, falling below knee, with long sleeves with semi-circular cut at the bottom (similar to that of the Cambridge M.A.); hood, black silk, lined with pale blue silk.

Master of Architecture—The same gown as Masters of Arts; hood, black silk, lined with white silk.

Master of Civil Law—The same gown as Masters of Arts; hood, black silk, lined with French grey silk.

Master of Commerce—The same gown as Masters of Arts; hood, black silk, lined with purple silk.

Master of Engineering—The same gown as Masters of Arts; hood, black silk, lined with scarlet silk.

Master of Sacred Theology—The same gown as Masters of Arts; hood, black silk lined with violet silk.

Master of Science—The same gown as Masters of Arts; hood, black silk, lined with yellow silk.

Master of Science (Applied)—The same gown as Masters of Arts; hood, black silk, lined one half with pale green silk and one half with yellow silk, divided vertically, the green being on the wearer's right.

Master of Social Work—The same gown as Masters of Arts; hood, black silk, lined with fuchsia silk.

Doctor of Civil Law—The same gown as Masters of Arts; hood, scarlet cloth, lined with French grey silk.

Doctor of Dental Surgery—The same gown as Masters of Arts; hood; scarlet cloth, lined with pink silk.

Doctor of Laws—The same gown as Masters of Arts; hood, scarlet cloth, lined with white silk.

Doctor of Literature—The same gown as Masters of Arts; hood, scarlet cloth, lined with pale blue silk.

Doctor of Medicine and Master of Surgery—The same gown as Masters of Arts; hood, scarlet cloth, lined with dark blue silk.

Doctor of Music—The same gown as Masters of Arts; hood, scarlet cloth, lined with mauve silk.

Doctor of Philosophy—The same gown as Masters of Arts; hood, scarlet cloth, lined with pale green silk.

Doctor of Science—The same gown as Masters of Arts; hood, scarlet cloth, lined with yellow silk.

Doctor of Science (Applied)—The same gown as Masters of Arts; hood, scarlet cloth, lined one half with pale green silk and one half with yellow silk, divided vertically, the green being on the wearer's right.

Doctors of Laws, Doctors of Civil Law, Doctors of Literature, Doctors of Science, Doctors of Philosophy, and Doctors of Music are entitled to wear for full dress a robe of scarlet cloth (similar in pattern to that of the Cambridge LL.D.) faced with silk of the same colour as the lining of their respective hoods.

All hoods are in pattern similar to that of the Masters of Arts of Cambridge University.

Undergraduates and graduates wear the ordinary black trencher with black tassel, but Doctors of Laws, Doctors of Civil Law, Doctors of Literature, Doctors of Science, Doctors of Philosophy, and Doctors of Music wear for full dress a black velvet hat with gold cord, similar to that worn by Doctors of Laws of Cambridge University.

Samples of the colours of the linings of all hoods are kept for inspection in the office of the Registrar.

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McGill University

Montreal

Directory of Students

1950-1951

DIRECTORY OF STUDENTS

TELEPHONE NUMBERS

Arts and Science Undergraduate Society, 690 Sherbrooke St. West--BE.1108
Athletics, Physical Education, and Recreation, 475 Pine Avenue West (Mr. Vic Obeck MA.9181 Local 4
(Mr. F.M. Van Wagner " " " 4
(Mr. H.R. Ryan " " " 4
(Mr. Hay Finlay " " " 4
Canadian Officers Training Corps, 475 Pine Avenue West---------BE.3304
Conservatorium of Music, 3450 Drummond Street-Secretary--------MA.9181 Local 4
Co-Operative Residence (Men Students), 3609 University Street--LA.6307
Diocesan College, 3473 University Street---------Office - MA.3004
Students - MA.4902
Divinity Hall, 3520 University Street - Students----------MA.9181 Local 3
Graduates' Society, 3574 University Street----------MA.9181 Local 4
Hillel Foundation, 3460 Stanley Street----------HA.9171

Macdonald College, Ste. Anne de Bellevue, Que. -

Administrative Offices----------Ste. Anne 335
Men's Residence----------Ste. Anne 806 / Ste. Anne 810
Women's Residence----------Ste. Anne 788 / Ste. Anne 795
Main Building Dormitory----------Ste. Anne 782 / Ste. Anne 812
Harrison House----------Ste. Anne 407

McGill Daily, 690 Sherbrooke Street West----------LA.2244
Editor-in-Chief: John M. Scott----------LA.2244 & MA.125
McGill Union, 690 Sherbrooke Street West----------LA.2244
President: Jim Cartier----------LA.2246

McGill University Administrative Offices -

Principal----------MA.9181 Local 30
Comptroller---------- " " " 30
Bursar---------- " " " 40
Registrar---------- " " " 49
Registrar's General Office---------- " " " 47
Cashier---------- " " " 20
Superintendent of Buildings and Grounds--------- " " " 32

Faculties -

Arts and Science - Dean---------- " " " 20
" " " Assistant Dean---------- " " " 30
Dentistry - Dean---------- " " " 20
" Secretary---------- " " " 21
Divinity - 3520 University Street - Dean-------- " " " 29
Engineering - Dean---------- " " " 41
" Secretary---------- " " " 31
Graduate Studies and Research - Dean---------- " " " 31
Law, 3544 Peel Street - Dean---------- " " " 45
Medicine - Dean---------- " " " 31
" Secretary---------- " " " 20
Music - 3450 Drummond Street - Dean ---------- " " " 48
" " " " Secretary-------- " " " 48

Schools -

Architecture, 3484 University Street - Director- " " " 35
Commerce, 1020 Pine Avenue West - Director------ " " " 45
Graduate Nurses, 1266 Pine Avenue West-Director- " " " 48
Library, Redpath Library - Director---------- " " " 40
Physical Education, 475 Pine Avenue West-Director " " " 43
Physiotherapy, 1266 Pine Avenue West - Director- " " " 47
Social Work, 3600 University Street - Director-- " " " 27

McGill University Naval Training Division, 1475 Drummond Street, - Staff Officer ----HA.8211
Montreal General Hospital, 66 Dorchester Street East----------PL.7751
Newman House, 2049 McGill College Avenue----------BE.4088

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McGill University Administrative Offices

Placement Service, 3574 University Street----------HA.6405
Presbyterian College, 3485 McTavish Street----------Office - PL.5754
Students - BE.0424
R.C.A.F. Reserve University Flight, 475 Pine Avenue West--------BE.1932
Residences (University) -

(Note - There are several students' telephones in most University residences. These telephones are not on the University switchboard. The number given below is in each case that of the main hall telephone or porter. If the correct number through which to reach a student directly is not known, call the listed number for information.)

Douglas Hall of Residence (Men Students),3851 University St.-UN.0218
McLennan Hall (Women Students), 3480 Ontario Avenue----------PL.0044
Royal Victoria College (Women Students),555 Sherbrooke St.W.-UN.0227
Wilson Hall (Men Students), 3506 University Street----------UN.0247

Rinks and Tennis Courts, McTavish Street----------MA.0621
Royal Victoria College, 555 Sherbrooke Street West -

Warden----------MA.9181 Local 234
Warden's Secretary---------- " " " 325
Porter---------- " " " 236
Students: See note under "Residences, University", above.

Royal Victoria Hospital, 687 Pine Avenue West----------PL.1251
Student Christian Movement, 3625 Oxenden Avenue----------PL.1156

Student Health Service, 490 Pine Avenue West -

Men - (24 hour service)----------HA.9682
Women - Day (9 A.M. to 5 P.M.) All students call:
R.V.C. Infirmary----------MA.9181 Local 420
Night (5 P.M. to 9 A.M.) -
Students in Residences call: R.V.C. Porter
(ask for Miss K. Bliss)-----MA.9194
Students not in Residences call: Dr. M.D. Mellor-WA.5560

Student House (I.V.C.F.), 3445 Peel Street----------HA.9462
Students' Executive Council, 690 Sherbrooke Street West---------LA.2244
President: Boris Gardavsky----------LA.2247
Tickets for Football and Hockey, Sir Arthur Currie Gymnasium----PL.4489
United Theological College, 3508 University Street - Students {BE.0752 / HA.4873

MEN'S FRATERNITIES

Alpha Delta Phi, 3478 McTavish Street----------Pl. 741
Alpha Kappa Kappa, 3466 McTavish Street----------LA. 953
Delta Kappa Epsilon, 3653 University Street----------PL. 207
Delta Sigma Phi, 3592 University Street----------PL. 243
Delta Upsilon, 3434 McTavish Street----------PL. 449
Kappa Alpha, 3605 University Street----------LA. 064
Kappa Rho Tau, 1210 Pine Avenue West----------HA. 009
Lambda Chi Alpha, 3441 Peel Street----------BE. 701
Nu Sigma Nu, 545 Pine Avenue, West----------MA. 154
Phi Delta Theta, 3581 University Street----------MA. 384
Phi Gamma Delta, 3421 Drummond Street----------LA. 095
Phi Kappa Pi, 3647 University Street----------MA. 280
Psi Upsilon, 3429 Peel Street----------PL. 738
Sigma Chi, 3437 Peel Street----------PL. 167
Tau Epsilon Phi, 1557 Ducharme Avenue----------DO. 214
Theta Delta Chi, 3633 Oxenden Avenue----------LA. 689
Zeta Beta Tau, 5187 Esplanade Avenue----------DO. 365
Zeta Psi, 3637 University Street----------MA. 173

WOMEN'S FRATERNITIES

Alpha Gamma Delta, 646 Sherbrooke Street West----------PL. 560
Alpha Omicron Pi, 3560 University Street----------LA. 831
Delta Gamma, 985 Sherbrooke Street West----------BE. 629
Delta Phi Epsilon, 2048 Maplewood Avenue----------AT. 213
Gamma Phi Beta, 1019 Sherbrooke Street West----------LA. 840
Kappa Alpha Theta, 3570 University Street----------MA. 406
Kappa Kappa Gamma, 768 Sherbrooke Street West----------HA. 791
Sigma Delta Tau, 656 Lansdowne Avenue----------EL. 231

NOTE REGARDING STARRED ITEMS

There is a supplementary list at the end of the Directory in which will be found the names of some students not appearing in the main section, and also revised listings for addresses, telephone numbers, etc.

A star ★ in the main section indicates that there is further information in the supplement.

MCGILL UNIVERSITY LIBRARY

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.

A

AARON WILLIAM S 4617 HUTCHISON ST MONTREAL 8 QUE	B C L 1 CR 6604
ABBEY ARTHUR G MACDONALD COLLEGE 45 PARKSIDE AVE MONTREAL 28 QUE	B SC AGR 4
ABRIS EUGENE PATRICK 4991 GROSVENOR AVE MTL PROULX S APTS EDMUNDSTON N B	B ENG CH 5 AT 7547
ABBOTT ALAN ST GEORGE MACDONALD COLLEGE THE LEA 31 EASTBURY AVE NORTHWOOD MDDX ENGLAND	B SC AGR 2
ABBOTT NANCY LEILA 110A ARLINGTON AVE WESTMOUNT QUE	B A 1 DE 7792
ABBOTT SMITH HARRIET 4765 ROSLYN AVE MONTREAL QUE	B SC 1 EL 2342
ABDALLA WILLIAM 7429 CHATEAUBRIAND AVE MONTREAL QUE	B COM 1 DO 6796
ABER WILLIAM 3573 DECARIE BLVD MONTREAL QUE 69 STANLEY ST GALT ONT	B SC 4 DE 5695
ABERMAN EDYTHE 5210 WESTBURY AVE MONTREAL QUE	B SC 1 EL 5714
ABRAHAMS EDWARD J 4640 CLANRANALD AVE N D G MONTREAL QUE	D D S 2 WA 1770
ABRAHAMSON EILEEN 4477 DRAPER AVE N D G MONTREAL QUE	B A 3 WA 4473
ABRAHAMSON NORMA R R V C 76 GEORGE AVE NORANDA QUE	B SC P E 4 UN 0217
ABRAMOVITCH HENRY 5263 WAVERLY ST MONTREAL QUE	B SC 4 CR 3046
ABRAMOWITZ ARNOLD L 646 MURRAY HILL AVE WESTMOUNT QUE	B SC 1 EL 2080
ABUGOV ALBERT 3431 DRUMMOND ST QUE 331 CUMBERLAND ST CORNWALL ONT	B S W 1 PL 3616
ACHONG CORINA AURELIA 3546 SHUTER ST MTL 10 KNOX ST PORT OF SPAIN TRINIDAD	B A 3 PL 0675
ACOSTA DALMAN LUZ N MCLENNAN HALL BOX 146 ENSENADA PUERTO RICO	M S W 1 PL 0044
ACOTT BERNICE GRACE 1005 GORDON AVE VERDUN QUE	B SC 1 YO 7695
ACTON FOSTER S 1514 CRESCENT ST MTL 151 HAMPTON RD GARDEN CITY NEW YORK	MD CM 1 MA 7457
ADAIR HEATHER 467 COTE ST ANTOINE RD WESTMOUNT QUE	B SC P E 2 EL 0804
ADAM JOHN EMMANUEL DIOCESAN COLLEGE 460 BALL AVE MONTREAL QUE	B D 2 MA 4902
ADAM JOSEPH WILLIAM 1791 W 40TH AVE VANCOUVER B C	B A 1
ADAMS ARCHIE LLOYD 5024 VICTORIA AVE MTL 230 ELM ST GATINEAU QUE	B ENG EL 5 EX 2847
ADAMS DOUGLAS G 3581 UNIVERSITY ST MTL 1 ELORA RD TORONTO ONT	MD CM 3 MA 3842
ADAMS GLENN NELSON 5441 GROVE HILL PLACE MONTREAL 28 QUE	PH D 2 EL 3461
ADAMS JAMES ROBERT 1700 MACGREGOR ST MONTREAL QUE	MD CM 1 WI 0613
ADAMS JOCELYN LUCILLE MACDONALD COLLEGE 500 MERIVALE ROAD CITY VIEW OTTAWA ONT	B SC H EC 3
ADAMS KENNETH D 2005 MANSFIELD ST APT 14 MONTREAL 2 QUE	L MUS 1 LA 0012
ADAMS WILLIAM AUSTIN 3441 PEEL ST MTL 206 ROYAL AVE SYDNEY N S	B ENG CH 5 BE 7017
ADAMSON JULIA D R V C 7 PANDORA APTS WINNIPEG MAN	PHYSIOTH 2 UN 0297
ADELSON IRWIN 3190 KENT AVE MONTREAL QUE	B COM 2 EX H140
ADELSTEIN SARA 4239 ESPLANADE AVE MONTREAL QUE	B SC 4 BE 1408
ADESSKY IRVING L 5443 JEANNE MANCE ST APT 2 MONTREAL QUE	B C L 1 CA 2114
ADJELEIAN JOHN 3620 DUROCHER ST APT 1 MONTREAL QUE 39 OREAD ST WORCESTER R MASS U S A	B ENG AM 4 HA 9723
ADRIAN JAMES ROSS MACDONALD COLLEGE 108 TURGEON ST STE THERESE QUE	TCH ELEM 1
AGABABA MOISES G COLOMBIAN CONSULATE MTL CALLE 12 NO 7 29 CALI COLOMBIA S A	B SC 1
AGNEW PAUL COMSTOCK 1395 DECARIE BLVD APT 3 VILLE ST LAURENT QUE 86 BROAD ST PLATTSBURGH N Y	MD CM 4
AHARA ANNE WARD 610 LAZARD AVE TOWN OF MOUNT ROYAL QUE	B SC 1 AT 1207
AHARONI AHUVA LEAH 252 KENSINGTON AVE WESTMOUNT QUE	B ENG 1 WI 5974
AIKINS JOSEPH A 4547 WEST BROADWAY N D G MONTREAL QUE	MD CM 3 WA 3897
AINGER DOROTHY VERA APT 3 456 PINE AVE MTL 177 SPRING ST HANSON MASS U S A	R N 1 LA 6756

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
AIRD PAUL LEET MACDONALD COLLEGE HUDSON HEIGHTS QUE	B SC AGR 3
AITKEN ALLAN OSLER 1733 CEDAR AVE MONTREAL QUE	B A 2 WE 2418
AITKEN MARY ELAINE MACDONALD COLLEGE 70 EXMOUTH ST SAINT JOHN N B	B SC H EC 1
AKERMAN ISRAEL 4385 CLARKE ST MONTREAL QUE	B ENG 2 MA 5048
AKESTER AUDREY MAY MACDONALD COLLEGE 3926 CLAUDE ST VERDUN QUE	TCH INT 2
ALBANO MICHAEL JAMES 3420 DRUMMOND ST MTL RR SAND LANE ARROCHAR STATEN ISLAND N Y U S A	B SC 2
ALBERGA VINCENT H 542 SHERBROOKE ST W MONTREAL QUE 20 ST JAMES AVE CROSS ROADS JAMAICA BWI	B SC 2 BE 0318
ALBERT LIONEL 4660 PARK AVE RM 1 MONTREAL QUE	B A 4 CA 4371
ALBURY EDWIN PAUL 1205 FORT ST APT 6 MTL C O CLEARE TELECOM DEPT NASSAU BAHAMAS	D D S 3 GL 3132
ALCE EDWIN KENNETH 3455 HUTCHINSON ST MONTREAL QUE	B A 4 PL 7057
ALEPIN JOSEPH A E A 5859 LASALLE BLVD VERDUN 19 QUE	B COM 2 TR 8586
ALEXAKIS KATHERINE 497 STE CATHERINE RD OUTREMONT QUE	B A 1 TA 4497
ALEXANDER CHARLES S 3478 MCTAVISH ST MONTREAL QUE	B A 3 PL 7412
ALEXANDER EDWARD R JR 716 UPPER ROSLYN AVE WESTMOUNT QUE	B COM 2 DE 3094
ALEXANDER GEORGE L 3436 DUROCHER ST APT 12 MONTREAL QUE 2218 SCHILLER AVE LITTLE ROCK ARKANSAS USA	MD CM 3 MA 8264
ALEXANDER MARY JANE 200 MAIN ST FARNHAM QUE	B A 1
ALEXANDER WILLIAM H 3590 UNIVERSITY ST MTL 1048 SPADINA CRESCENT SASKATOON SASK	PH D 1 MA 9680
ALEXANDOR BETSY R V C 68 PARK RD ROCKCLIFFE OTTAWA ONT	B A 1
ALIGWEKWE INUOHA E 3415A HUTCHISON ST MTL IHITTE AMAKOHIA UMUAHIA NIGERIA W AFRICA	M A 1 PL 6094
ALIVISATOS SPYRIDON 3522 CLARK ST MONTREAL QUE	PH D 3 HA 4029
ALLABY CEDRIC R 3538 HUTCHISON ST MTL BLOOMFIELD STA KINGS CO N B	D D S 1
ALLABY STUART F MACDONALD COLLEGE BLOOMFIELD STATION KINGS CO N B	B SC AGR 4
ALLAN BARBARA MUNROE 5480 SNOWDON AVE APT 36 MONTREAL QUE	B S W 1 EL 1025
ALLAN CHARLES M 139 WOLSELEY AVE MONTREAL WEST QUE	MD CM 3 EL 5428
ALLAN JOHN A H 19992 LAKESHORE RD BAIE D URFE QUE	B COM 4
ALLAN MARY MARGARET 4879 PATRICIA AVE N D G MONTREAL QUE	B SC 2 WA 5294
ALLAN THOMAS WILLIAM 1204 SUSSEX AVE MONTREAL QUE	B ENG MCH 5 WI 0615
ALLARD CLAIRE MARIE R V C 299 MCLEOD ST OTTAWA ONT	B A 3 UN 0097
ALLEN ETHEL BRENDA 55 STRATHEARN RD TORONTO 10 QUE	B S W 1
ALLEN FRANCIS TURGEON DOUGLAS HALL 2162 SHERBROOKE ST W MONTREAL QUE	B A 4
ALLEN FRANK FORREST 5882 PARK AVE MTL BOX 35 BALLARD VALE MASS U S A	B COM 3 TA 5009
ALLEN HAROLD DON 53 MILTON ST MONTREAL 1A QUE	B SC 3 HA 2065
ALLEN MARGARET L 4508 ST CATHERINE ST W APT 2 MONTREAL QUE	B SC 4 WE 1622
ALLEN ROBERT EDWIN 7549 WISEMAN AVE MONTREAL 15 QUE	B ENG 2
ALLEN SAMUEL EVANS 1305 DECARIE BLVD VILLE ST LAURENT QUE 4331 DEVEREAUX ST PHILADELPHIA 24 PENN USA	B ENG 2 BY 6403
ALLEN WILLIAM SCOTT DOUGLAS HALL BOX 800 HAWKESBURY ONT	B A 2 UN 0068
ALLEN VICTOR BISHOP 1306 CRAWFORD BRIDGE ST VERDUN QUE	GRAD QUAL 0 TR 3562
ALLENBY RALPH GORDON PRESBYTERIAN COLLEGE 186 LONGUEUIL ST ST JOHNS QUE	B ENG 2
ALLIN JOHN WARREN 4426 MELROSE AVE MONTREAL 28 QUE	B COM 4 EL 3081
ALLNUTT GEORGE R 6081 TERREBONNE AVE N D G MONTREAL QUE	B COM 3 WA 6090
ALLSOPP PHYLLIS ANNIE 8176 STUART AVE MONTREAL QUE	B A 1 CA 4926
ALOZIE UKOBASI 23 STE ANN S ST STE ANNE DE BELLEVUE QUE 25 AGGREY RD PORT HARCOURT NIGERIA WEST AFRICA	M SC 1

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
ALTON GERALD W R 3610 LORNE CRESCENT APT 2 MONTREAL QUE	B S W 1
ALTSHULER JOHN HENRY 1441 DRUMMOND ST MTL 2501 HASTE ST BERKELEY CALIF U S A	B SC 2 MA 4171
AMARON ROY CALVIN 3508 UNIVERSITY ST MTL STANSTEAD COLLEGE STANSTEAD QUE	B A 3 HA 4873
AMES SALLY BLAIR R V C 1210 BENEDICT CANON DR BEVERLY HILLS CALIF USA	B A 4 UN 0278
AMORUSO FRANCO 66 DORCHESTER ST E MONTREAL QUE	MED DIPL 1
AMSDEN DOREEN PETRA 12390 RUE STE CROIX CARTIERVILLE QUE	B L S 1 BY 8803
AMYOT CHARLES ELIE 315 MORTLAKE ST ST LAMBERT QUE	M A 1
AMYOT DENIS EDOUARD 1540 SUMMERHILL AVE APT 302 MONTREAL QUE TISDALE SASK	PH D 4 FI 2776
AMYOT ELAINE ANNE MACDONALD COLLEGE BASE DE ROC JOLIETTE QUE	TCH INT 1
ANCTIL PAUL A 1500 OUIMET AVE APT 42 VILLE ST LAURENT QUE	B ENG EL 5 BY 6067
ANDERMANN A FREDERICK 4790 COTE DES NEIGES RD APT 33 MONTREAL QUE	B SC 3 EX 4065
ANDERSEN SOLVEIG I R V C 135 MAPLE AVE SHAWINIGAN FALLS QUE	B SC 1
ANDERSON BEATRICE A 4236 ROYAL AVE N D G MONTREAL QUE	B SC 2 DE 4126
ANDERSON BRUCE M 3549 MARLOWE AVE N D G MONTREAL QUE	B COM 3 WA 2384
ANDERSON CONSTANCE 4940 QUEEN MARY RD MONTREAL QUE	B COM 1 EX 2545
ANDERSON ERL ROY 3511 BELMORE AVE N D G MONTREAL QUE	M A 1 EL 4022
ANDERSON FRANCIS D 1205 FORT ST APT 32 MONTREAL QUE	M SC 2
ANDERSON FRANK DONALD 3411 JEANNE MANCE ST APT 14 MONTREAL 18 QUE	B ARCH 6 MA 7305
ANDERSON FRANK W MACDONALD COLLEGE 108 BELMONT AVE OTTAWA ONT	B SC AGR 1
ANDERSON GREGOR M 3511 BELMORE AVE MONTREAL 28 QUE	B ENG 2 EL 4022
ANDERSON GREY ASLTON MACDONALD COLLEGE 1217 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B SC AGR 1
ANDERSON JOHN FINDLAY 3566 PARK AVE MONTREAL 2 QUE	B D 1 HA 4053
ANDERSON JOHN M 5172 WALKLEY AVE APT 3 N D G MONTREAL 24 THOMSON DR BEARSDEN N GLASGOW SCOT	B ENG PHY 3
ANDERSON MILDRED J 3575 JEANNE MANCE ST MONTREAL 18 QUE	GR N CERT 1 HA 6590
ANDERSON NOREEN A 3411 JEANNE MANCE ST APT 14 MONTREAL QUE	L MUS 1 MA 7305
ANDERSON ROBERT J 1441 DRUMMOND ST MTL 930 ST NICHOLAS AVE NEW YORK 32 N Y U S A	B SC 4
ANDERSON WILLIAM E 505 FOURTH AVE VERDUN QUE	B ENG MCH 4 YO 8942
ANDREW GEORGE M 4027 GREY AVE N D G MTL HUNTER RIVER P E I	B SC P E 3 EL 0374
ANDREWS ROBERT W ★L 2057 MCGILL COLLEGE AVE MONTREAL QUE 461 BRENNAN AVE OTTAWA ONT	B ENG CH 3
ANDREWS WILLIAM E 4890 QUEEN MARY RD APT 12A MONTREAL QUE 157 ELGIN ST SARNIA ONT	B ARCH 6 AT 6531
ANFOSSIE FREDERICK R 3605 UNIVERSITY ST MTL HILLSEA CAVENDISH HEIGHT BERMUDA	B SC 3 LA 0643
ANFOSSIE HAROLD C THEOLOGICAL COLLEGE HILLSEA PEMBROKE BERMUDA	B A 2 UN 0169
ANGEL ROGER BERNARD 1501 CHOMEDEY ST APT 28 MONTREAL QUE	B A 2 FI 9711
ANGELL PETER R 3265 BARCLAY AVE APT 8 MONTREAL QUE P O BOX 355 MONCTON N B	B ENG MCH 5 EX 8212
ANGERS FRANCOIS 253 EDISON AVE ST LAMBERT QUE	B COM 4
ANGERS JOHN W 253 EDISON AVE ST LAMBERT QUE	MD CM 2
ANGERS PIERRE C E 253 EDISON AVE ST LAMBERT QUE	B COM 4
ANGLIN JOHN VICKERS 3466 MCTAVISH ST MTL FAIRVILLE ST JOHN COUNTY NEW BRUNSWICK	MD CM 2 LA 9533
ANGUS GRACE ELSPETH 616 BELMONT AVE WESTMOUNT QUE	B SC 4 DE 7624
ANGUS MICHAEL F DOUGLAS HALL 4950 MARGUERITE ST VANCOUVER B C	MD CM 4 BE 1656
ANGUS SHEILA G 3575 PEEL ST APT 6 MTL BOX 422 BIGGAR SASK	L MUS 2 MA 8381
ANGUS STEPHEN F 616 BELMONT AVE WESTMOUNT QUE	B ENG 1 DE 7624

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
ANGUS THOMAS A MACDONALD COLLEGE 219 ST HELENS AVE TORONTO ONT	PH D 2
ANICH OLIVE VENUS 2635 PIE IX BLVD APT 33 MAISONNEUVE QUE	B A 1 TU 8074
ANNETT KATHERINE J L MACDONALD COLLEGE NEW CARLISLE QUE	TCH KIND 1
ANSHELL NINA 5595 COTE DES NEIGES APT 2 MONTREAL QUE	PHYSIOTH 2 EX 4118
ANSON JOSEPHINE C R V C BURNSIDE BAYVIEW ST SYDNEY N S	PHYSIOTH 2 UN 0206
ANTECOL SAUL LEO 4560 BARCLAY AVE APT 8 MONTREAL 26 QUE	B ENG CH 3
ANTLIFF JOAN EVELYN 3791 MARLOWE AVE N D G MONTREAL QUE	B A 3 EL 4262
ANTLIFF JOHN COOPER 3791 MARLOWE AVE N D G MONTREAL QUE	B SC 4 EL 4262
ANTLIFF WILLIAM B 2190 ADDINGTON AVE MTL 22 ROCHESTER AVE TORONTO ONT	B SC 4 EL 2044
APOSTOLATOS ROSE 358 VICTORIA AVE WESTMOUNT QUE	B A 4 WA 4654
APPLEBAUM PHYLLIS A 611 ST GERMAIN AVE OUTREMONT QUE	MUS QUAL 1 AT 9722
APPLEBY ERIC BLAIR 4430 BEACONSFIELD AVE N D G MONTREAL QUE	B COM 3 EL 4903
APPLEBY MARILYN MONA 4430 BEACONSFIELD AVE N D G MONTREAL QUE	B A 1 EL 4903
ARBUCKLE ALISON N 117 ABERDEEN AVE WESTMOUNT QUE	B COM 1 EL 2383
ARCHAMBAULT JOHN 867 DUNLOP AVE OUTREMONT QUE	B COM 1 AT 8240
ARCHAMBAULT MAURICE 920 SHERBROOKE ST E MTL 872 CASCADE ST ST HYACINTHE QUE	B ARCH 3 FR 1495
ARCHIBALD JAMES D PRESBYTERIAN COLLEGE HR GRACE NEWFOUNDLAND	B ENG EL 5 BE 0424
ARCHIBALD RICHARD E MACDONALD COLLEGE 5197 SARANAC AVE MONTREAL 28 QUE	B SC AGR 3
ARCIDIACONO PETER V 3431 DRUMMOND ST MTL 60 RUSSELL RD ALBANY NEW YORK U S A	B SC 2 PL 3616
ARGYROPOULOS STAVROS DOUGLAS HALL SOLONOS 41 ATHENS GREECE	B A 3 UN 0028
ARGYROPOULOS TIMOLEON DOUGLAS HALL SOLONOS 41 ATHENS GREECE	B ENG MCH 5 UN 0028
ARMATTOE AUGUSTE A PRESBYTERIAN COLLEGE ARMATTOE HOUSE DENU G COAST B W A	B SC 2 BE 0424

NAME ADDRESS	COURSE & YEAR TEL. NO.
ARMSTRONG ANDREW D WILSON HALL 129 CHARLOTTE ST SAINT JOHN N B	B ENG CH 5
ARMSTRONG BRUCE P 5334 WELLINGTON ST APT 2 VERDUN QUE	PARTIAL 0 YO 1502
ARMSTRONG DONALD E 4695 [illegible] AVE WESTMOUNT QUE	M A 1
ARMSTRONG ELAINE R 55 DUVERGER AVE OUTREMONT QUE	B A 1 CR 9764
ARMSTRONG ELIZABETH 652 BELMONT AVE WESTMOUNT QUE	B A 4 WA 1730
ARMSTRONG JOHN B UNIVERSITY OF LONDON DU CANE RD LONDON W 12 48 JACKES AVE TORONTO 5 ONT	MED DIPL 4
ARMSTRONG JOHN H 4196 KINGSTON AVE N D G MONTREAL QUE	B SC 1 DE 5546
ARMSTRONG MURIEL G B 4685 WESTMOUNT AVE MTL 129 26TH AVE W CALGARY ALBERTA	PARTIAL 0
ARMSTRONG RICHARD G 132 VIVIAN AVE TOWN OF MOUNT ROYAL QUE	B COM 4 AT 0552
ARMSTRONG ROBERT J MACDONALD COLLEGE 627 MELBOURNE AVE OTTAWA ONT	B SC AGR 1
ARMSTRONG WALTER W 3545 GIROUARD AVE MTL BROCKWAY YORK CO R R 4 VIA HARVEY STAT NB	B ENG CH 5 DE 2457
ARNOLD GERALD G 103 JARRY BLVD ST MARTIN QUE	B COM 4
ARNOLD JOCELYN ANNE R V C GRENVILLE QUE	B A 2 UN 0217
ARNOLD RICHARD PAUL 310 GROSVENOR AVE WESTMOUNT QUE	B ENG 1 DE 3161
ARNOTT AGNES M 207A ST LUKE ST APT 3 MONTREAL QUE BOX 25 BRIGHT ONT	B N 2 WE 7907
ARNOTT JEAN ISABEL 207A ST LUKE ST APT 3 MONTREAL QUE BOX 25 BRIGHT ONT	B N 2 WE 7907
ARON IVAN MAURICE 662A MONKLAND AVE MONTREAL QUE	PARTIAL 0 DE 7707
ARONIN JEFFREY ELLIS C O ISGAB INC MOUNT ROYAL HOTEL MTL 389 WOODMERE BLVD WOODMERE L I NEW YORK	M ARCH 1 PL 5542
ARRON SHIRLEY R V C 25 CONNAUGHT AVE HALIFAX N S	B SC 2 UN 0107
ARSHAWSKY PEARL ROSE R V C 325 4TH AVE W MELVILLE SASK	B SC 4 UN 0296

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ARTIS DAVID WENDELL 258 SHERBROOKE ST W MTL 724 RUSHMORE AVE PLAINFIELD N J U S A	B SC 2
ARTOLA LETICIA R V C MILANES 36 MANTANZAS CUBA	B A 3 UN 0168
ASBIL ROBERT WILLIAM MACDONALD COLLEGE RAWDON QUE	AGR DIP 2
ASCAH GODFREY F MACDONALD COLLEGE SANDY BEACH CENTER GASPE QUE	AGR DIP 1
ASCROFT GEORGE 7467 STUART AVE MONTREAL QUE	B SC 4 TA 2756
ASHBY JOAN B MACDONALD COLLEGE 489 ARGYLE AVE WESTMOUNT QUE	B SC H EC 2
ASHENMIL HAROLD W 4221 DROLET ST APT 2 MONTREAL QUE	B A 1 MA 5438
ASHING MERVYN C 3537 SHUTER MTL 6 PARK ST PORT OF SPAIN TRINIDAD B W I	D D S 3 BE 4134
ASHTON NORMAN JESSE 278 DESMARCHAIS BLVD VERDUN QUE	B SC P E 4 YO 4580
ASHWIN JAMES GUY 3436 DUROCHER ST MTL 524 13TH ST E PRINCE ALBERT SASK	PH D 2 MA 2610
ASHWORTH DAVID W 3664 THE BOULEVARD WESTMOUNT QUE	B A 2 DE 2046
ASIMAKOPULOS TOM 5820 ST LAWRENCE BLVD MONTREAL QUE	B A 4 CA 7800
ASSAD ROBERT J 543 LANSDOWNE AVE MTL BUCKINGHAM QUE	B SC 2 WA 2898
ASSELIN JOHN ROBIN 3410 BENNY AVE APT 3 MONTREAL QUE	B COM 2 WA 8476
ASTLE JOHN SHEARER 739 MOFFAT AVE VERDUN METIS BEACH QUE	B COM 2 TR 4106
ASTWOOD PETER MILLARD HUDSON HEIGHTS QUE	B SC 2
ATTAS JACK 2235 PRUD HOMME AVE APT 11 MONTREAL QUE BOX 409 ATHENS GREECE	B ENG 2
AUDET HENRY JOSEPH 3489 STANLEY ST MTL 51 SALEM ST SALEM MASS U S A	B SC 4 BE 7800
AUGER LEONARD V C 2076 UNION ST MTL 8 HARMER AVE OTTAWA ONT	B ENG CI 5
AULD PETER A M 456 MOUNTAIN AVE WESTMT LAKE SHORE RD E OAKVILLE ONT	MD CM 3 WE 1786
AULENBACH JEAN MARIE 1544 MACKAY ST MTL LIVERPOOL N S	PARTIAL 0 WE 0080
AVAKIAN AVAK 3620 DUROCHER ST MTL 29 GLEN ST WORCESTER 5 MASS U S A	B SC 4 HA 9723
AVERY JOYCE ISOBEL 4351 WEST HILL AVE N D G MONTREAL 28 QUE	B SC 3 DE 7952
AVERY ROBERT JOHN 27A MAPLE AVE STE ANNE DE BELLEVUE QUE	GRAD QUAL 1
AVISON INEZ ANNE 15 MAPLE AVE STE ANNE DE BELLEVUE QUE	B A 3
AVISON ARTHUR THOMAS MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC 3
AVRITH MARILYN 3400 RIDGEWOOD AVE MONTREAL QUE	PHYSIOTH 2 EX 4167
AWADA MICHAEL 4107 LAFONTAINE ST MONTREAL 4 QUE	B A 1 CH 3920
AXELRAD ARTHUR AARON 4845 COTE ST CATHERINE APT 16 MONTREAL QUE	PH D 1 EX 7070
AXELRAD MARIANNE 4845 COTE ST CATHERINE APT 16 MONTREAL QUE	B SC 4 EX 7070
AYER GEORGE EDWARD S 2127 DUQUESNE ST MONTREAL 5 QUE ★4	B ENG EL 4 TU 2955
AYERS WALLACE MORGAN 542 PRINCE ARTHUR ST MTL 503 WEST 147 ST NEW YORK CITY N Y U S A	B A 1 HA 8512
AYKROYD JUDITH MARY 473 LANSDOWNE AVE WESTMOUNT QUE	B A 2 EL 5685
AYLEN DEREK HENRY WILSON HALL 230 PARK RD OTTAWA ONT	B A 2
AYOUNG CHEE SCOTT M 1441 DRUMMOND ST MTL 98 CIRCULAR DR SAN FERNANDO TRINIDAD	B ENG CH 3 MA 4171
AZOULAY LAYAH LILA 1501 DUCHARME AVE OUTREMONT QUE	B SC 1 CR 3993

B

BABITCH ROSE MARY 2901 SPRINGLAND ST VILLE EMARD QUE	B A 1 HE 7226
BABOUSHKIN RAYMOND 2614 SOISSONS AVE MONTREAL 26 QUE	M A 2 AT 4268
BACAL HENRY MICHAEL 5144 TRANS ISLAND AVE MONTREAL 28 QUE	B A 2 EL 4308
BACAL HOWARD ATHOL 4850 WESTMOUNT AVE WESTMOUNT QUE	B SC 1 EL 4062
BACARINOS STATHIS 3547 HUTCHISON ST MONTREAL QUE	M A 2 MA 3630

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BACCHUS RUTH CECILIA MACDONALD COLLEGE MCADAM N B	B SC H EC 1
BACHOVZEFF C 3485 MCTAVISH ST MTL 9097 LA SALLE BLVD VILLE LA SALLE QUE	B ENG MCH 5 BE 0424
BACHOVZEFF OLGA 9097 LASALLE BLVD VILLE LASALLE QUE	B F A 3 EL 9831
BACKLER MURRAY 5331 JEANNE MANCE ST MONTREAL QUE	B ENG CI 4 CR 9850
BACULIS ALPHONSE J G 434 16TH AVE LACHINE QUE	L MUS 3
BADGLEY ROBIN F 367 ELM AVE WESTMOUNT QUE	B A 3 FI 7360
BADKE DONALD JOHN 5638 QUEEN MARY RD HAMPSTEAD 29 QUE	B COM 2 EL 8047
BAER HAROLD GUSTAV 7455 MULBERRY ST MONTREAL 16 QUE	B SC 3 AT 6682
BAERG ABRAHAM PAUL 1475 MANSFIELD ST APT 35 MONTREAL QUE	PH D 2 HA 9956
BAGSHAWE MILDRED A 97 ARLINGTON AVE MTL WOODVIEW RADLETT HERTFORDSHIRE ENGLAND	B A 2 WA 8675
BAILEY JAMES THURSTON 3743 HUTCHISON ST MTL BOX 211 WHITEFIELD N H U S A	PARTIAL 0 RE 8027
BAILEY MARY BETH 209 LOGAN ST ST LAMBERT QUE	B A 1
BAILEY RONALD EDWARD 7360 OUIMET AVE VERDUN QUE	B SC 2 TR 5703
BAILEY WILLIAM DALE 582A DUROCHER AVE OUTREMONT QUE	B ENG 1 CR 8051
BAILEY WILLIAM H 4020 BARCLAY AVE APT 1 MONTREAL QUE	B ENG MCH 4
BAILLARGEON MAURICE 3R THORNTON AVE TOWN OF MOUNT ROYAL QUE	B ENG MCH 4 AT 5267
BAIN ELIZABETH B 4301 BENNY AVE MONTREAL 28 QUE	B SC 2 EL 0737
BAINBOROUGH ARTHUR F 3420 GREY AVE MONTREAL QUE	M SC 1 WA 3793
BAINS JOHN SAMUEL 403A DORCHESTER ST MTL 250 RUTLAND ST ST JAMES MAN	M S W 2 WE 3281
BAIRD SANDRA SHERIDAN MACDONALD COLLEGE BRYN MAWR PORTUGAL RD ST JOHN S NFLD	HOMEMAKER 1
BAKER DAVID CHARLES H 626 MURRAY HILL WESTMOUNT QUE	B COM 4 DE 9662
BAKER HAROLD ARTHUR 3541 LORNE AVE MTL P O BOX 987 BERLIN N H U S A	GRAD QUAL 0

NAME ADDRESS	COURSE & YEAR TEL. NO.
BAKER KENNETH A 5881 SHERBROOKE ST W APT 6 N D G MONTREAL QUE	B COM 4 DE 4470
BAKER WILLIAM R 250 LANSDOWNE AVE WESTMOUNT QUE	B A 3 WI 1506
BALDWIN HAROLD R BALDWIN S MILLS COATICOOK QUE	B ENG 2
BALDWIN LESTER S COATICOOK QUE	B SC 1
BALDWIN MAITLAND 3801 UNIVERSITY ST MTL 9 LEXINGTON RD CONCORD MASS U S A	MED DIPL 4 PL 1851
BALDWIN WILLIAM C 307 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	B COM 4 AT 6101
BALL DORIS MARGARET MACDONALD COLLEGE 2192 FIFTH AVE THREE RIVERS QUE	TCH ELEM 1
BALL JOHN LESTER 3 ALLISON AVE ST ROSE QUE	B COM 4
BALL JUNE MARY MACDONALD COLLEGE 5 WAYAGAMACK ISLAND THREE RIVERS QUE	B SC H EC 4
BALLABON MAURICE B 706 DE L EPEE AVE OUTREMONT QUE	M A 1 VI 0211
BALLANTYNE JAMES M 10 CHELSEA PLACE MONTREAL 25 QUE	P A 3 WI 6340
BALLON HENRY STANLEY 5802 WAVERLY ST MONTREAL QUE	B SC 3 CA 0615
BALLON JONATHAN D 3010 WESTMOUNT BLVD MONTREAL QUE	MD CM 3 WI 9869
BALLON JOY FLEUR 3010 WESTMOUNT BLVD MONTREAL QUE	B A 4 WI 9869
BALLOU JOHN B SHRINERS HOSPITAL MTL 384 ESSEX ST SALEM MASS U S A	MD CM 3 PL 4464
BALOGH GEORGE ALEX 3960 HENRI JULIEN ST APT 18 MONTREAL QUE	B ENG 2
BALOGH LOUIS STEPHEN 3960 HENRI JULIEN ST MONTREAL QUE	B ARCH 2 MA 7641
BALTAS EVA 3537 STE FAMILLE ST MONTREAL QUE	L MUS 2 PL 3385
BALTZAN DONALD MYER 5094 VICTORIA AVE MTL 219 SASK CRESCENT W SASK TOON SASK	B SC 2 EX 9435
BALTZAN MARCEL ALTER 5094 VICTORIA AVE APT 6 MONTREAL QUE 219 SASK CRES W SASKATOON SASK	MD CM 2 EX 9435
BANCROFT GEORGE W 3550 LORNE AVE APT 6 MTL 91 1ST ST GEORGETOWN S B GUIANA	B A 4 BE 0468
BANFIELD CHARLOTTE J R V C 5575 ANGUS DRIVE VANCOUVER B C	B A 3 UN 0168

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BANKS DAVID EMERSON 236 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	B A 3 AT 2451
BANKS GEORGE ARNOLD MACDONALD COLLEGE 148 PLEASENT ST TRURO N S	B SC AGR 3
BANNERMAN GORDON 3485 MCTAVISH ST MTL 411 NELSON ST NEW GLASGOW N S	PARTIAL 0 PL 5754
BANNISTER COLIN A MACDONALD COLLEGE 83 ROBB & ALBERT STRS GEORGETOWN B GUIANA	AGR DIP 2
BANTING WILLIAM R DOUGLAS HALL 71 CRESCENT RD TORONTO ONT	B A 2 UN 0018
BARAC HELENE NADINE 3661 ST FAMILLE ST MONTREAL 18 QUE	B A 2 MA 3834
BARAKETT RAYMOND 783 STUART AVE OUTREMONT QUE	B COM 1 DO 4537
BARBEAU JACQUES 5170 QUEEN MARY RD MONTREAL QUE	A 1 DE 8818
BARBEAU JOSEPH A 2097 AYLWIN ST MTL ST CONSTANT CO LAPRAIRIE QUE	B L S 3
BARBER ALEXANDER H 1470 CHOMEDY ST MTL 408 YORK ST CORNWALL ONT	B ENG 2 FI 8280
BARBER JOHN NEVILLE 632 BELMONT AVE MTL 302 BEATTY HOUSE DOLPHIN SQUARE LONDON S W 1 ENGLAND	B ENG 1
BARCLAY MARGARET I 4776 GROSVENOR AVE MONTREAL QUE	PHYSIOTH 1 DE 7696
BARDANIS LOUIS 1233 CLARK ST MONTREAL QUE	B ENG MCH 4 LA 1432
BARES WILLIAM D 2070 UNIVERSITY AVE MTL 245 61 63RD AVE DOUGLASTON L I N Y	B A 4 HA 3349
BARFF THOMAS EDWARD 3615 PRUD HOMME AVE N D G MONTREAL QUE	PARTIAL 0 WA 4768
BARIBEAU AIME 2230 PANET ST MTL 36 ST ANTOINE ST CAP DE LA MADELEINE QUE	B ENG MCH 4 AM 7911
BARKER NORMAN 1166 FORT ST MTL 24 HOTEL ST NEWTON LE WILOWS LANCS ENGLAND	B ENG MCH 4
BARKER VIVIAN EDWINA MACDONALD COLLEGE BOX 54 6 MAIN ST LACHUTE MILLS QUE	TCH ELEM 1
BARLOW CHRISTOPHER DOUGLAS HALL 24 MOOREND RD CHELTENHAM GLOS ENGLAND	B ARCH 4 UN 0068
BARNES BARBARA JEAN 2504 MAYFAIR AVE N D G MONTREAL QUE	PHYSIOTH 1 EL 6856
BARNES CHARLES R 3621 OXENDEN AVE MTL P O BOX 6 SATICOY CALIF U S A	MD CM 2 MA 5956
BARNES HOWARD WILSON 280 MAIN ST OTTAWA ONT	B ENG MCH 3
BARNES NANCY C 2504 MAYFAIR AVE N D G MONTREAL QUE	B COM 1 EL 6856
BARNETT FRANCIS L MACDONALD COLLEGE HAMPSTEAD R R 1 QUEENS CO N B	B SC AGR 3
BAROLET PAUL 790 GODIN AVE VERDUN 19 QUE	B ENG 2 TR 1033
BARR DEIRDRE EDITH BOIS SOLIS SAPAQUAY P O QUE 22 EATER SQUARE LONDON ENG	PARTIAL 0 BY 1518
BARRALES HUGO L MACDONALD COLLEGE CALLE LIRA NO 1 ANTOFAGASTA CHILE S A	M SC 1
BARRAS ROBERT EDGAR MACDONALD COLLEGE 2140 BOURBONNIERE ST SILLERY QUE	TCH INT 1
BARRE DIANE ELIZABETH 1469 DRUMMOND ST APT 23 MONTREAL QUE	B A 2 MA 1843
BARRETT MARGARET EDNA 3705 SHERBROOKE ST W MONTREAL WEST QUE	PHYSIOTH 2
BARRETT MARION 3509 HUTCHISON ST APT 5 MONTREAL QUE RIVERSIDE N B	B N 2 HA 3728
BARRIER CHARLOTTE ANN 3430 DRUMMOND ST MTL 210A BROADWAY LUBBOCK TEXAS U S A	MUS B 3 PL 0780
BARRIERE JEAN ROWAN 1201 SHERBROOKE ST W MONTREAL QUE	B C L 3
BARRINGTON HELEN E MACDONALD COLLEGE BOX 84 MELBOURNE QUEBEC	TCH ELEM 1
BARRY BARBARA MARY 4033 VENDOME AVE N D G MONTREAL QUE	B A 1 DE 5332
BARRY DIANA E 4033 VENDOME AVE MONTREAL QUE	B A 4 DE 5332
BARRY JANE ELIZABETH MACDONALD COLLEGE 185 CAMERON AVE OTTAWA ONT	HOMEMAKER 1
BARRY MACDONALD L G 3465 HUTCHISON ST MTL 741 AVE H SOUTH SASKATOON SASK	MD CM 3 LA 1995
BARSKY SYLVIA MACDONALD COLLEGE 5812 CLANRANALD AVE MONTREAL QUE	TCH ELEM 1
BARTKOWIAK MIECZYSLAW 4609 HUTCHISON ST MONTREAL QUE	B COM 2
BARTLETT ALLEN E 3421 DRUMMOND ST MTL 82 EAST MOHAWK ST OSWEGO N Y U S A	B COM 3 LA 0950

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BARTLETT ELINOR M 314 LANSDOWNE AVE WESTMOUNT QUE	EL 1240	B A 3
BARTLETT LESLIE H 545 PINE AVE WEST MONTREAL QUE	MA 1545	MD CM 3
BARTLETT NORMA A MACDONALD COLLEGE 34 EAST PARK ST VALLEYFIELD QUE		TCH INT 1
BARTON STUART SAMUEL 3609 UNIVERSITY ST MONTREAL QUE	LA 6307	PH D 3
BARTOSHUK ALEXANDER 6051 GERIN LAJOIE ST MONTREAL 5 QUE		M SC 1
BAR URIAN MOSHE C O I KATZ 4661 PARK AVE MONTREAL QUE	BE 6601	B ENG 2
BARWICK KENNETH A 5 KILBURN CRESCENT HAMPSTEAD QUE	EL 1425	B ENG MCH 4
BASHA YVONNE MARIE R V C CURLING NEWFOUNDLAND		L MUS 1
BASSAM DOUGLAS W 354 OLIVIER AVE MTL 474 LEWIS ST OTTAWA ONT	FI 8032	B ENG EL 4
BASTIEN ALFRED B 17 LAKEBREEZE VALOIS QUE		B SC AGR 3
BASTIEN ARCHIBALD G W 3506 UNIVERSITY ST MONTREAL QUE		B ENG EL 5
BASUK JACK 5369 WAVERLEY ST MONTREAL QUE	CR 9782	B SC 3
BATCHELDER EARLE C 3421 DRUMMOND ST MTL 19 STATON RD BRAINTREE 84 MASS U S A	LA 0950	B A 4
BATCHELOR HUGH 4966 DECARIE BLVD MONTREAL QUE		B COM 4
BATE PHILIP CHARLES 2016 BLEURY ST MONTREAL QUE		B SC 3
BATE ROBERT CAMERON 3780 RIDGEVALE AVE APT 4 MONTREAL QUE BOX 8 LANARK ONT	AT 3320	B ENG PH 4
BATES DAVID WINDSOR 1575 SUMMERHILL AVE APT 314 MONTREAL QUE	FI 2885	B ENG 1
BATLLE ELENA R V C SANTA ANA EL SALVADOR C A	UN 0278	B A 1
BATSHAW ZIPPORAH 4336 MONTROSE AVE WESTMOUNT QUE	FI 9002	M A 1
BATTAH EDDIE EDWIN 4320 ST DENIS ST MONTREAL QUE	MA 7822	B SC 1
BATZOLD JOHN SCOTT 1469 DRUMMOND ST APT 61 MONTREAL QUE	PL 2061	PH D 2
BAUM BERYL 5903 PARK AVE MONTREAL QUE	CA 8579	B SC 4
BAUMAN JOHN DAVID 2047 UNION AVE MTL 12 UTOPIAN AVE SUFFERN NEW YORK U S A	HA 9857	B ENG 2
BAUMBROUGH JOHN W MACDONALD COLLEGE R R 3 VERNON B C		B SC AGR 4
BAXTER DOROTHY MAY 2116 PRUD HOMME AVE N D G MONTREAL QUE	EL 5974	B ARCH 2
BAXTER GORDON D 1441 DRUMMOND ST MTL 2100 PARK AVE THREE RIVERS QUE		B COM 1
BAXTER JOHN 4522 OXFORD AVE N D G MONTREAL 28 QUE	EL 9290	B SC P E 1
BAXTER JOHN EDWARD 3566 PARK AVE MTL ELLERSLIE P E I	HA 4053	B D 1
BAXTER MARGARET MACDONALD COLLEGE 27 PINE ST BROCKVILLE ONT		B SC H EC 4
BAXTER ROBERT M 3539 HUTCHISON ST MTL ELLERSLIE P E I	HA 8791	PH D 2
BAXTER SHIRLEY M 25 PERRAULT ST STE ANNE DE BELLEVUE QUE 5412 BANNANTYNE AVE VERDUN QUE		TCH ELEM 1
BAY THEODOSIOS 15 LAURIER AVE EAST APT 3 MONTREAL 14 QUE	VI 1652	B ENG CH 3
BAYEN MALAKU EMMANUEL 3679 JEANNE MANCE ST MTL 2617 GEORGIA AVE N W WASHINGTON D C U S A	HA 6851	B SC 1
BAYNE HAROLD GARDNER 631 MILTON ST MONTREAL QUE	HA 9754	B A 4
BEACH RUTH MILDRED MCLENNAN HALL 336 N FULLERTON AVE UPPER MONTCLAIR N J USA		B L S 1
BEAIRSTO JACK CHARLES PRESBYTERIAN COLLEGE MALPEQUE P E I		B ENG CH 5
BEAMISH CHARLES B 3474 MCTAVISH ST MTL KEMPTVILLE ONT	MA 7268	B SC 1
BEAN HIBBERT 5164 DECARIE BLVD APT 14 MONTREAL QUE	DE 3858	D D S 2
BEATTEAY BERYL B MCLENNAN HALL 407 PRINCE ST WEST ST JOHN N B		B L S 1
BEATTY JOYCE W 4951 CONNAUGHT AVE MONTREAL QUE	DE 8310	M S W 2
BEAUBIEN CHARLES D 1321 SHERBROOKE ST W MONTREAL QUE	PL 6774	B ENG 2
BEAUCHAMP JACQUES C 1563 MCGREGOR AVE MTL 581 ECHO DRIVE OTTAWA ONT		B ENG CI 4
BEAUDOIN CAROLEE 383 ST CATHERINE RD OUTREMONT QUE	DO 6484	B A 1

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BEAUDOIN JACQUELINE 383 ST CATHERINE RD OUTREMONT QUE	B A 3 DO 6484
BEAUDOIN ROLAND OSCAR ST ANNE ST ST HILAIRE EAST QUE	B ARCH 4
BEAUDIN MADELEINE MACDONALD COLLEGE 11777 BLVD PERSILLIER MONTREAL QUE	HOMEMAKER 1
BEAULE J A ROSAIRE 25 CARDINAL BEGIN EST ROUYN QUE	B C L 1
BEAULIEU JOSEPH A J 124 14TH AVE LACHINE QUE	B SC 2
BEAUMIER JOSEPH GUY 2151 LINCOLN AVE MTL 359 NOTRE DAME ST CAP MADELEINE QUE	B COM 4
BEAUMIER JOSEPH L 1305 PINE AVE MTL 225 108TH ST SHAWINIGAN SOUTH QUE	B ARCH 3
BEAUPRE LEOPOLD J 3483 LAVAL AVE MTL 34 DESJARDINS AVE LEVIS QUE	B ENG CI 4 HA 4013
BEAUPRIE DONALD JOHN 3837 BOTREL AVE MONTREAL 28 QUE	B SC 4 EL 9322
BEAUREGARD JOHN PETER 3478 WESTMERE AVE N D G MONTREAL QUE	M ENG 1 EL 9528
BEAUREGARD LOUISE M 3478 WESTMORE AVE N D G MONTREAL QUE	B SC 1 EL 9528
BEAUSOLEIL THEODORE 343 STE CATHERINE RD OUTREMONT QUE	B C L 3 TA 1083
BECK BETTY JEAN 100 BOREBANK STREET WINNIPEG MAN	GR N CER 1
BECK CLIFTON MARTIN 1345 DECARIE BLVD APT 41 VILLE ST LAURENT QUE	B C L 3 BY 0304
BECK JOHN CHRISTIAN 1837 DORCHESTER ST W MONTREAL QUE	MED DIPL 3 WI 1502
BECK SUSIE ELIZABETH 149 WALMER RD TORONTO 4 ONT	GR N CER 1
BECKER HILLEL BARUCH 4992 LACOMBE AVE MONTREAL QUE	B A 4 AT 7469
BECKOW RUTH 3780 COTE ST CATHERINE APT 8 MONTREAL QUE	M A 1 AT 8263
BECKWITH MARJORIE E 4814 JEANNE MANCE ST MTL 11 ELGIN AVE SHERBROOKE QUE	GR N CER 1
BEDBROOKE ROBERT A 78 WOODLAND AVE BEAUPAIRE QUE	B ARCH 6
BEECHER JOAN HELEN 4862 GROSVENOR AVE MONTREAL QUE	B A 3 WA 6575
BEESLEY JAMES F B 3577 LORNE AVE APT 12 MONTREAL QUE 2962 CROWN ST VANCOUVER B C	MD CM 2
BEESLEY JOSEPH R 312 STRATHEARN AVE MTL GLEN FALLS ST JOHN CO N B	MD CM 4 DE 0856
BEESLY MARY GENEVIEVE 1214 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B L S 1 AT 6076
BEGG DOROTHY R 510 PINE AVE W MTL 1695 W 10TH AVE APT 104 VANCOUVER B C	M S W 1 PL 0115
BEHRENS SUE CAROL 1360 DECARIE BLVD VILLE ST LAURENT QUE	B A 2 RY 8576
BEICK TRMAARD ANA R V C 4130 DECARIE BLVD APT 5 MONTREAL QUE	B A 1
BEKEFI GEORGE 4854 JEANNE MANCE ST MONTREAL QUE	PH D 3 CR 5925
BELAK JOHN 1461 MOUNTAIN ST MONTREAL QUE	B A 1
BELANGER MADELEINE MACDONALD COLLEGE 424AVE EPITACIO PESSOA RIO DE JANEIRO BRAZIL	B SC H EC 1
BELCOURT JOY ANN T 43 BARAT RD WESTMOUNT QUE	B SC 4 WI 0744
BELHUMEUR ROGER B J 543 MOREAU ST MONTREAL 4 QUE	B ENG 1 CH 5105
BELL DAVID RICHIE 357 DE L EPEE AVE OUTREMONT QUE	B SC P E 2 CR 8040
BELL DOUGLAS ROY 2482 MAYFAIR AVE N D G 136 ORANGE ST ST JOHN N B	P ENG ME 5
BELL GRAEME L MACDONALD COLLEGE 4390 EARNSCLIFFE AVE N D G MONTREAL QUE	B SC AGR 4
BELL JANET FARNIE 357 DE L EPEE AVE OUTREMONT QUE	B SC P E 1 CR 8040
BELL JOHN NAIRN DOUGLAS HALL 5285 MARINE DRIVE FISHERMEN S COVE B C	MD CM 2
BELL SELWYN LOUIS 3670 JEANNE MANCE ST MTL 25 DUNROBIN AVE HALF WAY TREE JAMAICA	B ENG EL 4
BELL MORTON 5391 DUROCHER AVE OUTREMONT QUE	B A 3 CA 3876
BELL WILLIAM JAMES 121 DESAULNIERS BLVD ST LAMBERT QUE	B ENG MCH 4
BELL WILLIAM MICHAEL MACDONALD COLLEGE LITTLE RAPIDS CORNERBROOK NFLD	B SC AGR 1
BELLAMY ELIZABETH A R V C 58 SUSQUEHANNA AVE COOPERSTOWN N Y U S A	B SC 2 UN 0217
BELMONTE MIMI M 418 PINE AVE WEST MONTREAL QUE	MD CM 3 HA 0315

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BELO OSAGIE T DOUGLAS HALL P O BOX 16 BENIN CITY NIGERIA	MD CM 2 UN 0028
BELYEA BARBARA ANN MACDONALD COLLEGE 1583 GRAHAM BLVD TOWN OF MT ROYAL QUE	B SC H EC 1
BENDER JOSEPH 576 MILTON ST MTL 622 LITTLECROFT RD UPPER DARBY PA U S A	MD CM 2
BENJAMIN FRANCES 380 EDWARD CHARLES AVE APT 1 MONTREAL QUE	B A 1 DO 4705
BENJAMIN HERBERT 5245 PONSARD AVE MONTREAL QUE	B ENG 2 WA 8833
BENJAMIN PETER 689 DOLLARD BLVD OUTREMONT QUE	B SC 4 CA 4163
BENNETT ALBERT LEWIS 480R ROSLYN AVE MTL 21 QUEEN MARY RD OTTAWA ONT	B S W 1 AT 7612
BENNETT AUGUSTINE B 3855 NORTHCLIFFE AVE MTL 5 WOODYCREST AVE TORONTO 6 ONT	B ENG EL 5 WA 7908
BENNETT BERTRAM R 3633 OXENDEN AVE MTL 1847 JANE ST WESTON ONT	B ARCH 5 LA 6896
BENETT CELIA D 4050 CAVENDISH AVE APT 35 N D G MONTREAL QU	B A 1 WA 1784
BENNETT CHARLES S WILSON HALL 10 WASHINGTON ST APT 5M HEMPSTEAD LONG ISLAND NEW YORK U S A	B ENG MCH 5
BENNET ELIZABETH A 4479 OXFORD AVE N D G MONTREAL QUE	B L S 1 EL 1035
BENNETT MILDRED MARY 7401 DE CHAMBOIS ST TOWN OF MOUNT ROYAL QUE	GR N CER 1 EX 5917
BENNETT RAYMOND M H 337 MELROSE AVE VERDUN QUE	B C L 3 YO 8751
BENNETT VICTOR ROBERT 3488 COTE DES NEIGES RD APT 9 MONTREAL QUE	B COM 4 FI 5409
BENNETT WILLIAM C 226 34TH AVE LACHINE QUE	B ENG CH 5
BEMMICH JADWIGA 4720 DUPUIS AVE MONTREAL QUE	B S W 1 EX 7022
BENNS JOHN WILLIAM MACDONALD COLLEGE 134 MCGILL ST TRENTON ONT	B SC AGR 3
BENOIT GUY F 6328 DE NORMANVILLE ST MONTREAL QUE	B COM 3 TA 6200
BENSON ALTON BENSON 3485 MCTAVISH ST MTL ARNOLDS COVE NFLD	B SC 4 BE 0424
BENT BARBARA IRENE MACDONALD COLLEGE 5 PARK PLACE APT 1 WESTMOUNT QUE	TCH ELEM 1

NAME ADDRESS	COURSE & YEAR TEL. NO.
BENTON BRUCE M 284 MERTON AVE ST LAMBERT QUE	B ENG 1
BENUA POLLY R V C 247 N PARKVIEW AVE COLUMBUS 9 OHIO U S A	B A 2
BERARD JACQUES LEO MACDONALD COLLEGE 37 LESTER ST SPRINGFIELD MASS U S A	B SC AGR 2
BERBRIER BORIS J 4680 JEANNE MANCE ST MONTREAL R QUE	B C L 3 HA 1587
BERLOVITCH DAVID 716 DE L EPEE AVE APT 7 OUTREMONT R QUE	B A 1 VI 1124
BERCOVITCH Y MILDRED 3545 ST URBAIN ST APT 5 MONTREAL QUE	B A 2 PL 8556
BERCOVITCH STANLEY B 4732 WESTMOUNT BLVD WESTMOUNT QUE	B A 1 WA 3853
BERGEN HAROLD FRANCIS 1480 MOUNTAIN ST MONTREAL 25 QUE	B COM 2 HA 4557
BERGER HARVEY 5222 HUTCHISON ST OUTREMONT QUE	B A 1 DO 3335
BERGER HYMAN 163 MOUNT ROYAL EAST MONTREAL QUE	B SC P E 4 BE 7597
BERGER IRENE 263 MCDOUGALL AVE OUTREMONT QUE	B SC 1 AT 9250
BERGERON LAWRENCE R 380 METCALFE AVE MTL BOX 210 RICHMOND QUE	B ENG 2 WE 7643
BERGMAN HAROLD 737 ROCKLAND AVE OUTREMONT QUE	B SC 2 DO 5041
BERGSON JOHN MARVIN 886 RIVE BOISEE STE GENEVIEVE DE PIERREFONDS QUE	B SC P E 1
BERGMAN NORMAN J 1445 WINNING ST APT 2 MONTREAL QUE	B ENG 2 LA 2506
BERGSON GODFREY M 886 RIVE BOISEE ST GENEVIEVE DE PIERREFONDS QUE	B ARCH 2
BERGSTROME BRANT E 545 PINE AVE W MTL 1821 RUBY RD VICTORIA B C	MD CM 3 MA 1545
BERISH SEYMOUR 835 DOLLARD AVE OUTREMONT QUE	B COM 2 DO 8443
BERIYENA KEMMER M 2027 CITY COUNCILLORS MONTREAL QUE 144 VICTORIA ST PORT HARCOURT NIGERIA WA	B SC 3 HA 6031
BERKE GERALD 5216 CLANRANALD AVE N D G MONTREAL QUE	B A 1 EL 2202
BERKOVICH SUMNER 3573 HUTCHISON ST MTL 24 WELLINGTON AVE HARVERHILL MASS U S A	B SC 3 BE 4360
BERLIN BENZION BERT 4672 MAPLEWOOD AVE MONTREAL QUE	B SC 3 AT 5873

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BERMAN JACK 202 VILLENEUVE WEST MONTREAL QUE	D D S 1 PL 3687
BERNFELD ALLAN 5235 COTE ST LUC RD APT 45 N D G MTL QUE	P A 3 EL 2479
BERNFELD EDWARD H 5318 SNOWDON AVE APT 19 N D G MONTREAL QUE	B C L 3 WA 8894
BERNOT JOSEPH 2654 HOGAN ST MONTREAL QUE	B A 2 HO 7023
BERNSTEIN HERSHEL 742 MCEACHREN AVE OUTREMONT QUE	B SC 2 CA 2011
BERNSTEIN HYMAN 4453 ST URBAIN ST MONTREAL QUE	B SC 2 LA 7845
BERNSTEIN JACK H 4818C PARK AVE MONTREAL QUE	GRAD QUAL 0 CA 7711
BERNSTEIN MARIANNE 5000 CLANRANALD AVE N D G MONTREAL QUE ★5	B A 3 EL 3288
BERRIDGE BRUCE MILLER 28 DUFFERIN RD HAMPSTEAD QUE	B ENG 2 EL 8960
BERRY CHARLES HORACE MACDONALD COLLEGE 619 MANOR ROAD OTTAWA ONT	B SC AGR 4
BERRY MARGARET ANNE MACDONALD COLLEGE 324 CHESTER AVE TOWN OF MOUNT ROYAL QUE	HOMEMAKER 1
BERRY MARJORIE E MACDONALD COLLEGE SOUTH MOUNTAIN ONT	B SC H EC 2
BERRY ROBERT EDWARD F 3473 UNIVERSITY ST MTL 2024 JOLICOEUR ST COTE ST PAUL QUE	B D 1 MA 4902
BERRY ROLPH S 4630 WALKLEY AVE APT 16 N D G MONTREAL QUE	MD CM 3
BERRYHILL FLORENCE M MACDONALD COLLEGE 240 LIPTON ST WINNIPEG MAN	M SC 2
BERTALANFFY FELIX D 3550 ST FAMILLE ST MTL 350 CHAPEL OTTAWA ONT	M SC 2
BERTRAND FERNAND C 1360 PRESTON AVE QUEBEC CITY QUE	B ENG MCH 3
BERTRAND GARNET E 3393 BEAUBIEN ST E ROSEMOUNT QUE	B SC P E 2 GR 4811
BERTRAND GUY 3431 DRUMMOND ST MONTREAL QUE	B ENG MCH 5
BERTRAND JEAN WILLIE 10575 OLYMPIA BLVD AHUNTSIC MTL QUE	B COM 1 DU 0834
BERTRAND LOUIS PAUL 10800 HENRI JULIEN ST MONTREAL QUE	B C L 1 DU 0461
BESSERER JAMES COLIN 1441 DRUMMOND ST MTL 51 GENEVA ST OTTAWA ONT	B ENG MCH 4
BESSETTE BEVERLEY R V C 101 BATTLE ST W KAMLOOPS B C	B A 3 UN 0158
BESSO MARGARET D 98 ST JOSEPH ST DORVAL QUE	PARTIAL 0 WA 1843
BETHEL CECIL WALTER 473 PRINCE ARTHUR ST W MONTREAL QUE P O BOX 1307 NASSAU BAHAMAS	B A 2 RE 5346
BETHUNE WILLIAM JOHN 282 SHERBROOKE ST W MONTREAL QUE	B ENG 2 HA 6083
BETTER CLIFFORD 717 STUART AVE OUTREMONT QUE	B A 1 CR 5243
BETTS PAUL VAN VLIET 4800 COTE DES NEIGES RD MONTREAL QUE	B C L 3 AT 1565
BEUTEL AUSTIN CECIL 1555 LAJOIE AVE OUTREMONT QUE	B COM 2 CA 2547
BEUTEL HARRIET R 1555 LAJOIE AVE OUTREMONT QUE	B F A 1 CA 2547
BEVEN EDWIN GEORGE WILSON HALL CASILLA 67 D SANTIAGO CHILE	B SC 3
BEWICK JOHN BASIL 3466 MCTAVISH ST MTL 237 GERMAIN ST ST JOHN N B	MD CM 4 LA 9533
BEY AGNES MACDONALD COLLEGE 269 NOTRE DAME ST THETFORD MINES QUE	B SC H EC 3
BEY GEORGE ABRAHAM DOUGLAS HALL 269 NOTRE DAME ST THETFORD MINES QUE	B SC 4 UN 001R
BHASKARAN K 2053 UNION AVE MTL FRIENDS HOME CHURCHGATE RECLAMATION BOMBAY INDIA	MED DIPL 1 HA 9460
BIALIK HIMAN G 5429 DUROCHER AVE OUTREMONT QUE	M A 3 DO 0504
BIARD FLORENCE MARY 320 49TH AVE LACHINE QUE	P A 4
BICKLE JUDITH RYRIE R V C 18 CLARENDON AVE TORONTO ONT	B A 4 UN 013R
BIEFER GREGORY JAMES 1041 DUNRAVEN RD TOWN OF MT ROYAL QUE	PH D 2 AT 0131
BIELER PHILIPPE E DOUGLAS HALL 86 ST LOUIS RD QUEBEC CITY QUE	B ENG 1
BIERBRIER MANUEL 375 ST CATHERINE RD MONTREAL QUE	L MUS 2 VI 0992
BIERKO JOSEPH 2042 MONTGOMERY ST HOCHELAGA QUE	B COM 1 FA 0115
BIEWALD HAROLD FELIX 3581 UNIVERSITY ST MTL 6 ATLANTIC AVE OCEANSIDE N Y U S A	B SC P E 2 MA 3842

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BIGELOW ROBERT S MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE		PH D 1
BINA ELIZABETH 5000 WEST BROADWAY N D G MONTREAL QUE	WA 1780	B A 3
BINDER ETTA BELLA R V C 75 PERTH ST BROCKVILLE ONT	PL 0634	B A 2
BION ROBERT WILLIAM 3605 UNIVERSITY ST MTL P O BOX 723 ASMARA ERITREA N E AFRICA	LA 0643	B A 3
BIRCH EDNA ISABEL 17 SEVERN AVE WESTMOUNT QUE	FI 1907	B SC 3
BIRCH ELIZABETH ANNE 17 SEVERN AVE WESTMOUNT QUE	FI 1907	B A 4
BIRCH JOHN WORTH 3668 DUROCHER ST APT 1 MONTREAL QUE BOX 134 RICHMOND QUE		B COM 1
BIRCHARD EDNA L 539 PINE AVE MTL 61 GENEVA ST OTTAWA ONT	LA 7628	MD CM 3
BIRD HONOR PATRICIA 3621 OXENDEN AVE MONTREAL QUE	LA 7745	B A 4
BIRD MADELEINE LUCY 318 MONMOUTH AVE TOWN OF MOUNT ROYAL QUE	AT 2871	B A 3
BIRD THOMAS C 3621 OXENDEN AVE MONTREAL QUE	LA 7745	M A 2
BIRENBAUM MORRIS 387 EDWARD CHARLES ST APT 1 MONTREAL QUE	CA 4164	B COM 2
BIRKETT BARBARA ANNE 4690 ROSLYN AVE MONTREAL QUE	EL 4810	B SC P E 4
BIRKS NANCY RYRIE 3234 CEDAR AVE WESTMOUNT QUE	WE 3123	B A 3
BIRKS RICHARD IRWIN 2054 METCALFE ST MTL 78 SUMMIT CIRCLE WESTMOUNT QUE	MA 4332	M A 1
BIRKS WILLA KATHLEEN 1469 DRUMMOND ST APT 80 MONTREAL QUE	MA 1828	B A 2
BIRNBAUM NEYSA MACDONALD COLLEGE 1363 LAJOIE AVE OUTREMONT QUE		TCH ELEM 1
BIRNBAUM ROSALIND 4925 VAN HORNE AVE MONTREAL QUE	EX 5320	PHYSIOTH 1
BIRNZWEIG OLGA 4865 COTE ST CATHERINE MONTREAL QUE	EX 7435	B SC 1
BIRO LOUIS 3617 LORNE CRESENT 3457 WEST 2ND AVE VANCOUVER B C	LA 8013	MD CM 3
BISAILLON GILLES H 849 HARTLAND AVE OUTREMONT QUE	AT 4581	B COM 2
BISHOP ALLAN T 785 UPPER BELMONT AVE WESTMOUNT QUE	EL 3311	B ENG 1
BISHOP HARDING E BOX 136 STE ANNE DE BELLEVUE QUE		B SC 4
BISHOP JOHN LEIGH 42 BELVEDERE RD WESTMOUNT QUE	FI 7504	B C L 1
BISHOP JUDITH M M MACDONALD COLLEGE EDMUND GATE TORONTO ONT		HOMEMAKER 1
BISHOP TREVOR HOWARD 42 BELVEDERE RD WESTMOUNT QUE	FI 7504	B A 1
BISHOPRIC EDYTHE N R V C CHATEAU ST LOUIS QUEBEC CITY QUE	UN 0279	B A 4
BISSETT DAPHNE N 652 CARLETON AVE WESTMOUNT QUE	EL 1833	B A 1
BISSETT DARYL M 749 25TH AVE LACHINE QUE		B ENG MCH 5
BISSETT GEORGE F 625 CARLETON AVE WESTMOUNT QUE	EL 1833	B A 2
BISSON J G 1455 DRUMMOND ST APT 516 MONTREAL QUE 39 AYLMER RD APT 11 HULL QUE	HA 4843	B ENG CI 5
BJARNASON ARLAN E 1442 STANLEY ST APT 3 MONTREAL QUE		MD CM 2
BJORDAMMEN RUTH L R V C 893 6TH AVE N W MOOSE JAW SASK	UN 0007	B SC 2
BLACK BARRI BARBARA 4328 SHERBROOKE ST WESTMOUNT QUE	WE 4005	B A 2
BLACK DONALD K 484 PRINCE ARTHUR ST MTL 1328 RETALLACK ST REGINA SASK		MD CM 3
BLACK ELIZABETH JANET MACDONALD COLLEGE R R 1 MOUNTAIN ONT		B SC AGR 1
BLACK ERNEST DAVID MACDONALD COLLEGE 825 3RD STREET ARVIDA QUE		B SC AGR 3
BLACK IDA WILLA 625 MURRAY HILL AVE WESTMOUNT QUE	DE 9302	B S W 1
BLACK LENNOX KINGMAN 4041 GAGE RD MONTREAL QUE	FI 2051	B COM 3
BLACK PERRY 5369 ESPLANADE AVE MONTREAL 14 QUE	CR 4468	B SC 4
BLACK PHILIP THOMAS 3275 BARCLAY AVE APT 9 MONTREAL QUE	AT 6031	PH D 3
BLACK WILLIAM F 3581 UNIVERSITY ST MTL 97 SHERBURN ST WINNIPEG MAN	MA 3842	PARTIAL 0
BLACKBURN CODEN 1500 SHERBROOKE ST W APT 103 MTL QUE BOX 615 OTTAWA ONT	FI 8061	GR N CER 1

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BLACKWOOD DAVID V 3473 UNIVERSITY ST MTL 35 RAGLAN AVE TORONTO ONT	THEOL COL 2 MA 4902
BLAIR BRIAN DESMOND 7435 SHERBROOKE ST W APT 16 N D G MONTREAL QU	B ENG 2 DE 4976
BLAIR DAVID CROW 3851 UNIVERSITY ST MTL 1215 W 32ND AVE VANCOUVER B C	MD CM 3 BE 7205
BLAIR GLENN ALBERT 3441 PEEL ST MTL 909 WILLIAM AVE WINNIPEG MANITOBA	B ENG CH 5 BE 7017
BLAIR WILLIAM GRANT 4033 NORTHCLIFFE AVE N D G MONTREAL QUE	PARTIAL 0 DE 0281
BLAIS CLAUDE JEAN 1065 GODIN AVE VERDUN QUE	B ENG EL 4 TR 2313
BLAIS PIERRE 4650 ST HUBERT ST MONTREAL QUE	B COM 2 FA 1463
BLAKE DONALD ALAN 1462 GUY ST APT 21 MTL 55 SEELY ST SAINT JOHN N B	PH D 4
BLAKELY JOHN ARCLEN 170 MORRISON AVE TOWN OF MOUNT ROYAL QUE	B A 1 AT 5056
BLANCHARD LOUIS P 5050 BESSBOROUGH AVE APT 2 N D G MONTREAL QUE	B ENG CH 4 EL 5111
BLANCHARD MELVIN S 3580 DECARIE BLVD MONTREAL QUE	M A 1 WA 3300
BLANDFORD JOHN 50 GOLF AVE POINTE CLAIRE QUE	B COM 3
BLANKFORT JOSEPH S 3891 VAN HORNE AVE MONTREAL QUE ★6	B ENG 2 AT 3941
BLATT MARGOT K 6233 DEVIMY AVE MONTREAL QUE	B F A 2 EX 5578
BLAUER HASKELL 5214 MOUNTAIN SIGHTS MONTREAL QUE	B COM 3 EL 7654
BLEMUR SAM 3737 LACOMBE AVE MTL PILATE HAITE	M SC 1 AT 1421
BLESS STEVE 3630 ST FAMILLE ST MONTREAL QUE	B C L 2 BE 4307
BLIGH DORIS EVELYN I 3585 LORNE AVE APT 1 MTL 512 SMYTHE VANCOUVER B C	B L S 1
BLIGH GERALD CHARLES 5241 W BROADWAY MTL 512 SMITHE ST VANCOUVER B C	D D S 2
BLISS FREDERIC M 1832 SHERBROOKE ST W MONTREAL QUE	D D S 3 FI 1666
BLOND JULES 3025 SHERBROOKE ST W MONTREAL QUE	B A 3 WI 0341
BLOOD ELEANOR M R V C 15 OAK RIDGE RD READING MASS U S A	B A 3 UN 0296
BLOOM BERNICE 4585 DUPUIS ST APT 20 MONTREAL QUE	B SC 3 EX 2703
BLOOM JACOB NELSON 5501 DUROCHER ST OUTREMONT QUE ★7	M SC 2
BLOOMFIELD GEORGE N 2135 VAN HORNE AVE MONTREAL QUE	B A 3 AT 7773
BLOOMFIELD HAROLD 2135 VAN HORNE AVE MONTREAL QUE	B A 4 AT 7773
BLOOMFIELD MORRIS 6037 WILDERTON AVE MONTREAL QUE	B ENG CH 4 AT 9064
BLOOMSTONE BERNARD 117 VILLENEUVE ST W MONTREAL 14 QUE	B A 2 DO 5677
BLOOMSTONE FRANK A 4277 ST URBAIN ST APT 2 MONTREAL QUE	B A 2 HA 3480
BLOOMSTONE SHIRLEY S 4277 ST URBAIN ST APT 2 MONTREAL 18 QUE	B A 1 HA 3480
BLOSTEIN MAIER L 737 HARTLAND AVE OUTREMONT QUE	B ENG 2 AT 8071
BLOUIN MARCEL 5318 MONKLAND AVE N D G MONTREAL QUE	B SC 2 DE 7937
BLUMENFELD ELEANOR 3785 DUPUIS AVE APT 1 MONTREAL QUE	B A 4 AT 8801
BLUMER HERBERT MARTIN 5053 PONSARD AVE MONTREAL QUE	B SC 3 WA 5538
BOBART RUPERT GORDON 3642 LORNE CRESCENT MTL 47 ST JAMES ST SAN FERNANDO TRIN B W I	B A 4 MA 7991
BOBROVE JACK B 3120 BRIGHTON AVE MONTREAL QUE	B C L 1 AT 3580
BOCK CAROL MARGARET 4 NORTHCOTE RD HAMPSTEAD QUE	B F A 1 EL 4600
BODMER HENRY CARL M DOUGLAS HALL 105 ZOLLIKER STR ZURICH SWITZ	B A 2 UN 0068
BODTKER NORMAN H DOUGLAS HALL BAIE COMEAU QUE	B SC 2 UN 0218
BOGANTE THELMA DEENA 4252 KINGSTON AVE N D G MONTREAL QUE	B A 1 DE 5601
BOGORA GORDON F 79 CHAMBERS AVE TORONTO ONT	B ENG 2
BOGUE BRIAN PATRICK WILSON HALL CAIXA POSTAL 872 RIO DE JANEIRO BRAZIL	B ARCH 2
BOGUE MARY 3606 MARLOWE AVE N D G MONTREAL QUE	B A 4 EL 1617
BOHAN PATRICIA GRACE 76 HILLCREST AVE MTL W 9 BOXFORD TERRACE BOSTON 32 MASS U S A	MD CM 4 WA 3405
BOHNE ELEANOR L MCLENNAN HALL 296 RIVERSIDE DR TORONTO ONT	M A 1 PL 0044

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BOILY CHARLES A 3445 BEAUBIEN ST E MONTREAL QUE	B ENG MCH 4
BOIRE ROGER EDMUND 441 STUART AVE OUTREMONT QUE	B COM 2 CR 4413
BOISTIERE CLAUDE H 33 AVE DE SAXE PARIS RC FRANCE	B ARCH 4
BOISVERT CHARLES 1305 PINE AVE W MTL 52 MOORE ST SHERBROOKE QUE	B ENG EL 4 BE 0564
BOISVERT GEORGE W 1490 CRAWFORD BRIDGE AVE VERDUN QUE	B ENG CH 3 TR 1319
BOISVERT JEAN ROCK 2044 METCALFE ST MTL 72 4TH ST SHAWINIGAN FALLS QUE	B ENG CI 5 LA 0471
BOISVERT ROBERT 3500 HUTCHISON ST MTL ACTON VALE QUE	B ENG MCH 4 HA 7548
BOISVERT RONALD OMER 1R70A ROSEMOUNT BLVD MTL 260 ST PATRICK ST W MAGOG QUE	B COM 2 GR 2930
BOKOVAY WILLIAM MACDONALD COLLEGE GATINEAU MILLS QUE	B SC AGR 3
BOLAND SHEILA P 426 LANSDOWNE AVE WESTMOUNT QUE	B A 4 DE 6807
BOLDUC ELROY JOSEPH 1371 PINE AVE MONTREAL QUE	B SC 2 HA 0529
BOLDUC PAUL EMILE C 2034 JACQUES HERTEL MTL 159 GIGAIRE ST SHAWINIGAN FALLS QUE	B ARCH 3 FI 4847
BOLLEN RONALD FRANCIS 344 BROADWAY AVE MONTREAL EAST QUE	B ENG CH 4
BOLLINGER FRANCOIS J 1205 ST MARK ST MONTREAL QUE	B ENG 2 WI 9914
BOLOTEN BETTY MACDONALD COLLEGE 5362 ESPLANADE AVE MONTREAL QUE	TCH ELEM 1
BOLTON MICHAEL R H 3508 DUROCHER ST MTL ST ANN S COURT GARRISON BARBADOS B W I	B ENG 2 MA 4352
BOND ALLAN 3647 UNIVERSITY ST MTL 1 EAST END AVE NEW YORK CITY N Y U S A	B A 2 MA 2806
BOND BARBARA K 4224 ROYAL AVE N D G MONTREAL QUE	B A 2 DE 7382
BOND ROY WILLIAM 753 UPPER LANSDOWN AVE WESTMOUNT QUE	B A 1 EL 1490
BONE MICHAEL MAYHEW 1210 PINE AVE W MTL BOX 681 LA TUQUE QUE ★	B COM 3 HA 0098
BONNELL JAMES RICHARD MACDONALD COLLEGE 747 DESMARCHAIS BLVD VERDUN MTL 19 QUE	TCH INT 1
BONNEVILLE JOYCE M 127 VALOIS AVE VALOIS QUE	B SC 4
BONNEY RUBIN 3445 PEEL ST MTL JANSEN SASK	B ENG EL 5 HA 9462
BONNLANDER BENJAMIN PRESBYTERIAN COLLEGE WYNDHAM WAY CHESTER VERMONT U S A	B SC 2
BOOKBINDER IRVIN G 2638 SOISSONS AVE MONTREAL QUE	B COM 3 EX 5752
BOOTH BARBARA ADA 7350 MOUNT AVE TOWN OF MOUNT ROYAL QUE	PHYSIOTH 3 AT 2009
BOOTH EDWARD JOHN R MACDONALD COLLEGE DRAGON RIGAUD QUE	B SC AGR 4
BOOTH KENNETH CHARLES 4739 GROSVENOR AVE MONTREAL QUE	B ENG 2 EL 9012
BOOTH SAMUEL 40 WESTMINSTER AVE MONTREAL WEST QUE	B ENG EL 5 WA 4040
BOOTHE CHARMIAN I L ASSOMPTION QUE	PARTIAL 0
BOOTHMAN RONALD RAY DOUGLAS HALL 7911 FRANKLIN BLVD CLEVELAND 2 OHIO U S A	B A 4 LA 5571
BORDEN BYRON CHARLES 146 BALFOUR AVE TOWN OF MT ROYAL QUE	B ENG PHY 3 AT 1436
BORDUAS JEAN LOUIS 8415 ST DENIS ST MONTREAL QUE	MED DIPL 1 VE 3791
BORIGHT HENRY ANGUS 628 BELMONT AVE WESTMOUNT QUE	B SC 4 WA 3640
BORNSTEIN ROBERT E 3763 WESTMOUNT BLVD WESTMOUNT QUE	B A 2 WA 3413
BORTS ROBERT B 7488 A DE L EPEE AVE OUTREMONT QUE	PH D 3 TA 3301
BORUSIEWICH GEORGE 8182 QUERBES AVE MONTREAL QUE	B ENG CH 3 GR 1744
BOSADA LILLIAM JOAN R V C 52 NORANDA ST W ROUYN QUE	B A 3 UN 0206
BOSISIO RENATO 9590 DU BUISSON ST MONTREAL QUE	B SC 4 TU 5434
BOSNITCH SAVA 3637 UNIVERSITY ST MONTREAL QUE	M A 2 MA 1736
BOSSY GEORGE 475 PINE AVE W MTL 10832 ESPLANADE AVE MONTREAL QUE	B COM 3
BOSWELL WILLIAM C 474 GROSVENOR AVE WESTMOUNT QUE	M A 1 EL 8481
BOUCHARD JACQUES J 3563 PARK AVE MTL 70 FISET ST DONNACONA QUE	B ENG 2 PL 3887
BOUCHARD JOSEPH E 2047 UNION AVE MTL BOX 144 HUNTINGDON QUE	B COM 3
BOUCHER JAMES ELGIN 1345 DECARIE BLVD APT 44 BY VILLE ST LAURENT QUE	M ENG 1 8477

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BOUCHER JOSEPH PAUL 3991 ST HUBERT ST MONTREAL QUE	B ENG 1 CH 7297
BOUDREAU RENALD H J 79A OUTREMONT AVE OUTREMONT QUE	B ENG 1 CA 0639
BOUILLON JOSEPH G 3431 DRUMMOND ST MTL 22A MARIE ROLLET QUEBEC CITY QUE	B ENG MCH 5
BOULAIS GUY 4570 CHAMBORD AVE MONTREAL QUE	B ENG 2
BOULANGER GASTON 4035 WESTHILL AVE N D G MONTREAL QUE	B ENG 1 WA 8706
BOULDING JOSEPH E 3550 SWAIL AVE COTE DES NEIGES MTL QUE 901 FAIRVIEW RD PENTICTON B C	MD CM 2
BOURASSA FERNAND 3532 LORNE AVE MONTREAL QUE	B ENG CI 5
BOURBONNAIS PIERRE J 682A DE NORMANVILLE ST MONTREAL 10 QUE	B ENG 1
BOURBONNAIS PIERRE P DORION VAUD CO QUE	B ENG 2
BOURDON LLOYD R 85 HILLCREST AVE MONTREAL WEST QUE	B COM 1 DE 1692
BOURGEOIS JEAN PIERRE 4354 EARNSCLIFFE AVE N D G MONTREAL QUE	B COM 1 DE 3356
BOURGET EDWARD 54A PRINCE ARTHUR ST W MONTREAL QUE CAPE COVE GASPE CO QUE	MD CM 3 HA 7579
BOURGOUIN GUY 6 ST CHARLES RD DORVAL QUE	B ENG 1
BOURNE ROBERT HENRY 1455 DRUMMOND ST APT 309 MONTREAL QUE	MED DIPL 1 MA 9642
BOURKE BRIAN ROBERT 5 FENWICK AVE MTL BOX 492 ANTIGONISH N S	B ENG CI 5 DE 8351
BOURKE RICHARD DAVID 774 UPPER LANSDOWNE AVE WESTMOUNT QUE	B ARCH 3 EL 2343
BOURNE HILARY 444 PRINCE ALBERT AVE WESTMOUNT QUE	MED DIPL 4 DE 5217
BOURQUE MARCEL 2044 METCALFE ST MTL 5 BOURQUE ST SHERBROOKE QUE	B ENG CI 5 LA 0471
BOURQUE JOSEPH J P 5025 BOYER ST MONTREAL QUE	B C L 2 RE 2934
BOVEY IAN HUGH D 25 BELLEVUE AVE WESTMOUNT QUE	B A 2 WE 2557
BOWER ROBERT R DOUGLAS HALL 157 JAMES ST OTTAWA ONT	MD CM 3
BOWERING MARILYNN 6110 TRANS ISLAND AVE MONTREAL QUE	B SC P E 1 EX 3291
BOWLAND FREDERICK H MACDONALD COLLEGE R 1 CARLETON PLACE ONT	B SC AGR 2
BOWN ELIZABETH JANE 3 PARKSIDE PLACE 4047 COTE DES NEIGES RD MONTREAL QUE	B SC P E 2 WE 2629
HOWMAN FREDA JEAN T MACDONALD COLLEGE 732 FIFTH AVE VERDUN QUE	TCH INT 1
BOWMAN QUENTIN ROY 1505 DECARIE BLVD APT 34 VILLE ST LAURENT	B ENG MET 4
BOX MARY CAROLYN R V C 40 RUSSELL HILL RD TORONTO ONT	B A 3 UN 027A
BOYANER DON 3621 LORNE CRESENT MTL 25 ORANGE ST ST JOHN N B	MD CM 4 LA 8013
BOYARSKY ALVIN 4350 ST URBAIN ST MONTREAL QUE	B ARCH 6 BE 6548
BOYCE DANIEL S MACDONALD COLLEGE HUNTINGDON QUE	B SC AGR 4
BOYCE DAVID 1A STE JEAN DE BAPTISTE ST ANNE DE BELLEVUE QUE THE WOLD MARINE GARDENS BARBADOS B W I	B SC AGR 4
BOYCE KATHLEEN E MACDONALD COLLEGE HUNTINGDON QUE	B SC AGR 3
BOYCE KENNETH C 1540 OUIMET AVE APT B VILLE ST LAURENT QUE	MED DIPL 3 BY 0385
BOYD DAPHNE GWENDOLYN MCLENNAN HALL 33A 15TH AVE W CALGARY ALTA	B L S 1
BOYD DONALD HERBERT 570 MILTON ST APT 4 MTL 601 EARL ST KINGSTON ONT	PH D 2 LA 5714
BOYD GEORGE DONALD M 2057 VICTORIA ST MTL 143 KING ST ASBESTOS QUE	B COM 4 RE 0065
BOYD ROBERT DANIEL 3135 VAN HORNE AVE MONTREAL QUE	B ENG 2 AT 3271
BOYLE EDWARD JAMES C O C S MARIEN 330 DE L EPEE AVE MTL 356 BLEECKER AVE BELLEVILLE ONT	MD CM 1 CA 3675
BOZICH ANTHONY L 3993 CLARK ST DUPARQUET QUE	B SC 1 HA 0554
BOZZER ANGELO 7910 DUROCHER ST OUTREMONT QUE	B ENG 1 TA 8883
BRABANT GEORGE A 3472 VAN HORNE AVE APT 3 MONTREAL QUE	D D S 3 EX 6276
BRADEEN CHARLES S 473 CLARK AVE WESTMOUNT QUE	B A 3 WI 8090
BRADFIELD THOMAS S 3653 UNIVERSITY ST MTL 222 FOREST HILL RD TORONTO 12 ONT	B ENG CI 4 PL 2073

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BRADFORD G ERIC MACDONALD COLLEGE FOSTER QUE	B SC AGR 4
BRADFORD SHIRLEY M 1627 LINCOLN AVE APT 3 MONTREAL QUE ST JEROME QUE	GR N CERT 1 GR 1023
BRADLEY DUNCAN B 3485 MCTAVISH ST MONTREAL QUE	B A 2 PL 5754
BRADLEY ROBERT E 6240 CLANRANALD AVE N D G MONTREAL QUE	B COM 1 EX 1840
BRADSHAW MARY E R V C 165 FOURTH AVE GRAND MERE QUE	B A 3 UN 0158
BRADY ARCHIBALD JOHN 2026 CONNAUGHT AVE MONTREAL 28 QUE	B ENG EL 3 DE 1512
BRADY KATHLEEN F 4610 KENSINGTON AVE MONTREAL QUE	B N 2 WA 6700
BRADY ROBERTHENRY 3434 MCTAVISH ST MTL MUTUAL LIFE CO BROCKVILLE ONT	B COM 1 PL 4402
BRADY SUE BIRNIE R V C PORTSMOUTH PRIORY SCHOOL PORTSMOUTH R I U S A	B A 2 UN 0158
BRAGANCA BEATRIZ 3640 DUROCHER ST MTL CHANDOR GOA INDIA	PH D 3 LA 3777
BRAGAL ALFRED JAMES 3571 HUTCHISON ST MTL 530 KNOX ST RUMFORD MAINE U S A	MD CM 2 PL 8821
BRAIS HELENE A 21 ROSKILDE AVE OUTREMONT QUE	B A 4 CA 5105
BRAITHWAITE R TRAVER 1438 BISHOP ST MTL 1673 DES FORGES BLVD THREE RIVERS QUE	B ENG CH 3 MA 4473
BRAND RONALD G 3434 MCTAVISH ST MTL ALVINSTON ONT	B ARCH 6 PL 4402
BRANDT REGINALD ROY 801 CREVIER ST VILLE ST LAURENT QUE	B SC 4 BY 3815
BRANNEN WILLIAM A 3250 BARCLAY AVE 520 CHAMPLAIN ST WEST SAINT JOHN N B	B ENG CH 3
BRAULT MARK PAUL 4913 PATRICIA AVE N D G MONTREAL QUE	B ENG CI 4 EL 0835
BRAVERMAN SHIRLEY 5215 JEANNE MANCE ST MONTREAL QUE	M S W 1 TA 0755
BRAVERMAN IMMANUEL B 5215 JEANNE MANCE ST MONTREAL 9 QUE	B ENG AM 4 TA 0755
BRAY BRENDA LENAINE 4926 EARNSCLIFFE AVE MONTREAL 29 QUE	B F A 1 EL 3865
BRAY JOSEPH JAMES 3485 MACTAVISH ST MTL 1646 GARNET ST REGINA SASK	B A 3 BE 0424
BRAYNE WILLIAM F 3 STE JOSEPH ST STE ANNE DE BELLEVUE QUE	B ENG EL 5
BRAZIER REGINALD T 5538 DECELLES AVE APT 1 MONTREAL QUE	B A 4 EX 9117
BRECKON SYDNEY WILSON 3460 ST ZOTIQUE ST E MONTREAL QUE	PH D 4 VI 0630
BREITMAN LEO 825 DOLLARD AVE OUTREMONT QUE	PH D 4 DO 8443
BRENCHLEY DIANE E 157 BALLANTYNE AVE N MONTREAL WEST QUE	B COM 3 WA 6584
BRENCHLEY JANE I 157 BALLANTYNE AVE MONTREAL WEST QUE	B SC 4 WA 6584
BRENCHLEY JOHN ARTHUR 157 BALLANTYNE AVE N MONTREAL WEST QUE	B ENG MCH 5 WA 6584
BRESLIN DONALD J 3934 HUTCHISON ST APT 4 MONTREAL QUE 24 GLEN CEDAR RD TORONTO ONT	MD CM 1
BRESSLER RUBIN 3583 HUTCHISON ST MTL 1273 WEBSTER AVE BOX 56 NEW YORK N Y USA	B SC 4 PL 2564
BRETON NORMAN ROGER 59 PRINCE ARTHUR ST MTL BOX 813 ASBESTOS QUE	B ENG 1
BRETTSCHNEIDER MURRAY 951 PRATT AVE OUTREMONT QUE	B ENG CI 3 AT 1428
BREUL FRANK RENNELL 3500 RIDGEWOOD AVE APT 103 MONTREAL QUE R F D NO 1 SHELTON CONN U S A	PH D 4 EX 8548
BREUL GERTRUDE K 3500 RIDGEWOOD AVE MTL R F D 1 SHELTON CONNECTICUT U S A	M A 2 EX 8548
BREWERTON HAROLD F 4357 COOLBROOK AVE N D G MONTREAL QUE	B ENG MCH 4 EL 2574
BRIANT PETER CHARLES 1098 ALLARD AVE VERDUN 2669 HIGH ST NIAGARA FALLS ONT	B COM 4 HE 0963
BRAIRD EVERETT JAMES DOUGLAS HALL NEW CARLISLE EAST BONA CO QUE	B A 4 LA 5571
BRICHANT ANDREW A 290 SHERBROOKE ST W MONTREAL QUE	B A 3 LA 4351
BRICKMAN JOSEPH 1441 DRUMMOND ST MTL 5 WESTFIELD RD MILL HILL N W 7 LONDON ENGLAND	B SC 2 MA 4171
BRIDSON JEAN SHIRLEY 1605 DUCHARME AVE OUTREMONT P QUE	B COM 2 CA 7026
BRIGGS EDWIN M 590 LANSDOWNE AVE WESTMOUNT QUE	B COM 4 EL 2583
BRIGGS ROBERT FRANCIS 3740 JEANNE MANCE ST MTL 38 FITCH ST WELLAND ONT	B A 3 LA 4764
BRIGGS WILLIAM PENN 5350 WESTHILL AVE N D G MONTREAL QUE	B ARCH 5

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BRIGHAM WILLIAM G WILSON HALL 34 LAMBTON RD OTTAWA ONT	B COM 3
BRIMALECOMBE MARION COTE STE CATHERINE MANOR NR LAPRAIRIE QUE	PARTIAL 0
BRINDLE GEORGE F 3123 MACKAY ST MACKAYVILLE QUE	MD CM 3
BRINCKMAN JOHN F WILSON HALL 11 CRESCENT RD ROCKCLIFFE OTTAWA ONT	B A 1
BRISBANE IAN WILLIAM 4095 OXFORD AVE N D G MONTREAL 28 QUE	B SC 3 DE 9832
BRITTEN STANLEY E 12 DOBIE AVE MTL 1166 W 6TH AVE VANCOUVER B C	MD CM 4 AT 2896
BRITTON BEVERLEY C MACDONALD COLLEGE 5665 SHERBROOKE ST W MONTREAL 28 QUE	TCH INT 1
BROADBENT ARNOT W 609 SUN LIFE BLDG MONTREAL QUE 350 LAIRD BLVD TOWN OF MOUNT ROYAL QUE	M COM 2 LA 4140
BROADBENT CLIFFORD 321 MAPLE AVE ST LAMBERT QUE	B ENG CI 4
BROCK MANSFIELD H 1175 OSBORNE ST MTL SPANISH PT BERMUDA	B SC 1 BE 0143
BROCHOCKI STANISLAW 3569 LORNE AVE MTL ABERCORN QUE	R ENG MCH 3 MA 9523
BROCHU FRANK LOUIS 224 TRENTON AVE TOWN OF MOUNT ROYAL QUE	MED DIPL 3 AT 3864
BROD JAMES JUSTIN DOUGLAS HALL 33 PINTARD AVE NEW ROCHELLE NEW YORK	MD CM 4
BRODEUR ALPHONSE W 1 FINCHLEY RD HAMPSTEAD QUE	B SC 2 DE 2993
BRODEUR JAMES HOPE 1 FINCHLEY RD HAMPSTEAD QUE	B ENG 1 DE 2993
BRODEUR MICHAEL TONER 1 FINCHLEY RD HAMPSTEAD QUE	B A 3 DE 2993
BRODEUR RAYMOND M 3518 ONTARIO AVE MONTREAL CUE	B A 2 PL 4972
BRODIE CARRIE LOUISE 1122 LAIRD BLVD APT 2 TOWN OF MT ROYAL QUE	PARTIAL 0 AT 3315
BRODIE HUGH RUSSELL 566 ROSLYN AVE WESTMOUNT QUE	MD CM 4 EL 1266
BRODIE IRWIN S 716 DE L EPEE AVE OUTREMONT QUE	B C L 1 CR 8012
BRODKIN ELLIOT 590 MCEACHRAN AVE OUTREMONT QUE	M SC 1
BRODY LEONARD IRVING 4235 CLARK ST MONTREAL 18 QUE	B ENG 2 RE 7946
BROMLEY F PATRICIA MACDONALD COLLEGE 30 EAST WILLISTON AVE EAST WILLISTON L I NEW YORK U S A	HOMEMAKER 1
BROMLEY ROBERT DAVID 4825 WILSON AVE N D G MONTREAL QUE	B SC P E 1 DE 6107
BRONFMAN CHARLES R 15 BELVEDERE RD WESTMOUNT QUE	B A 3 FI 3570
BRONFMAN EDGAR MILES 15 BELVEDERE RD WESTMOUNT QUE	B A 4 FI 3570
BRONSTEIN ARTHUR I 3518 PRUD HOMME AVE N D G MONTREAL QUE	B C L 1 EL 8990
BRONSTEIN AUDREY C 4921 DORNAL AVE MONTREAL QUE	B A 1 AT 0737
BROOK RICHARD JOHN 222 STRATHEARN AVE MONTREAL WEST QUE	B SC 2 EL 2561
BROOKS EARLE A MACDONALD COLLEGE 12 SOMERVILLE AVE WESTMOUNT QUE	B SC AGR 1 WA 8990
BROOKS SARAH ELAINE R V C 275 GRAND RIVER AVE BRANTFORD ONT	B SC 1
BROOKS VIVIAN EARL H 3494 HUTCHISON ST MTL MANDEVILLE JAMAICA B W I	MD CM 1
BROOME JOHN M WILSON HALL R R 1 PRESCOTT ONT	B COM 1
BROPHEY BEVERLEY 4012 ROYAL AVE N D G MONTREAL QUE	B A 2 DE 8514
BROPPY JOSEPH L M 6592 ST HUBERT ST MONTREAL QUE	B ENG CI 5 CR 9031
BROSSEAU J ALBERT D 8415 DE GASPE AVE MONTREAL 10 QUE	B ENG 1 DU 1683
BROTT MIRIAM 839 STUART AVE OUTREMONT QUE	B A 3 DO 3125
BROUGHAM NORMA B 441 KING ST LONDON ONTARIO	M A 1
BROW JAMES RIGG 619 MURRAY HILL WESTMOUNT QUE	B A 1 DE 1636
BROWER BARBARA ANN R V C 66 SOUTH VERNON ST MIDDLEPORT N Y U S A	P A 1
BROWMAN SAMUEL 4168 MARCIL AVE N D G MONTREAL QUE	B SC 2 EL 8857
BROWN ALEXANDER G 3078 TRAFALGAR AVE MONTREAL QUE	B ENG 1 FI 6170
BROWN AUDREY MARY M 3975 CAVENDISH AVE APT 3 N D G MONTREAL QUE	PARTIAL 0 EL 7602
BROWN BARBARA E 1 DE CASSON RD WESTMOUNT QUE	B A 2 FI 8123

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BROWN CARL EDWARD P DIOCESAN COLLEGE DANVILLE QUE	B A 2 MA 4902
BROWN CYRIL BENJAMIN MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 4
BROWN DONALD R 5305 VAN HORNE AVE APT 5 MONTREAL 29 QUE	M ENG 2 EX 2450
BROWN DONALD RALPH 3630 DUROCHER ST APT 44 MONTREAL QUE	MED DIPL 2 MA 9069
BROWN DOROTHY MACDONALD COLLEGE 4855 ESPLANADE AVE MONTREAL QUE	TCH ELEM 1
BROWN ELIZABETH B 25 MAPLE AVE STE ANNE DE BELLEVUE QUE 4438 BRUTON ROAD CAPTIERVILLE MTL QUE	PARTIAL 0
BROWN ETHEL CHRISTINE 6665 TRANS ISLAND N D G MONTREAL QUE	B SC 1 EX 7709
BROWN EVELYN HAZEL MACDONALD COLLEGE HUNTINGDON CO GLENELM QUE	TCH ELEM 1
BROWN GEORGE MACDONALD COLLEGE R R 2 COWANSVILLE QUE	AGR DIP 1
BROWN GEORGIANA L MACDONALD COLLEGE STANSTEAD QUE STANSTEAD QUE	B SC AGR 4
BROWN HELEN CLAIRE MACDONALD COLLEGE 4380 BEACONFIELD AVE N D G MONTREAL 28 QUE	TCH KIND 3
BROWN IAN WILSON 79 ST GEORGE ST BEAUHARNOIS QUE	B A 2
BROWN JOHN A B 1441 DRUMMOND ST MTL ST MAURICE PARK CAP DELA MADELEINE QUE	B COM 1
BROWN JOY MURIEL 1643 LINCOLN AVE APT 5 MONTREAL QUE	B A 3 FI 3768
BROWN KENNETH B BAIE D URFE QUE	MD CM 4
BROWN KENNETH B MACDONALD COLLEGE R R 2 COWANSVILLE QUE	B SC AGR 4
BROWN LEONARD GEORGE 11300 LAVAL RD MTL 111 METCALF ST SAINT JOHN N B	B COM 4 RY 4523
BROWN LEONARD M 112 CHAMPLAIN ST ST JOHNS QUE	B ENG CI 5
BROWN LLOYD FINDLAY 4378 WESTERN AVE APT G WESTMOUNT 6 QUE	B COM 3
BROWN LORAND REID 64 CLAUDE AVE DORVAL QUE 97 HIGHLAND AVE APPONAUG R I U S A	MD CM 1
BROWN MERLE MADELINE MACDONALD COLLEGE GLENELM QUE	TCH ELEM 1
BROWN MURRAY M 3609 UNIVERSITY ST MTL 5 PATRICIA BLVD TIMMINS ONT	B ARCH 4 LA 6307
BROWN NIELS FREDERICK 330 MOFFAT AVE VERDUN QUE	B SC 1 TR 8651
BROWN NORMAN ELWOOD 1495 CRESCENT ST MONTREAL QUE	M SC 1 LA 5533
BROWN PAUL JOHN 7270 SHERBROOKE ST W N D G MONTREAL QUE	B C L 3
BROWN RAYMOND EARL 3419 UNIVERSITY ST ROOM 5 MONTREAL QUE 331 GRAY ST HERKIMER N Y U S A	B SC 2 MA 0668
BROWN ROBERT M 3609 UNIVERSITY ST MTL P O BOX 423 RICHMOND QUE	PH D 4 LA 6309
BROWN SHEILA 3540 TRENHOLME AVE N D G MONTREAL QUE	P A 1 DE 6617
BROWN THOMAS WILLIAM 2321 MADISON AVE N D G MONTREAL QUE	B C L 1 WA 5584
BROWN WILLIAM DALE 157 WESTMINSTER AVE MONTREAL WEST QUE	B ENG CH 4 WA 4388
BROWN WILLIAM T 4296 ST CATHERINE ST W MONTREAL QUE 314 W NORTH ST LAKELAND FLA U S A	B SC 4 WI 6535
BROWNE MARY BARBARA R V C 75 BENSON AVE PETERBOROUGH ONT	B F A 1
BROWNELL HAROLD H 2047 UNION AVE MTL BOX 60 OXFORD NOVA SCOTIA	MD CM 1 PL 0646
BROWNELL HAROLD H 570 MILTON ST APT 4 MTL 302 CLEMOW AVE OTTAWA ONT	PH D 2 LA 5714
BROWNRIGG GARRETT W 570 MILTON ST APT 14 MTL 47 QUEEN S RD ST ST JOHN S NFLD	B SC 2 BE 7602
BROWNS IRWIN 754 WILDER AVE OUTREMONT QUE	B A 1 EX 6865
BROUNSTEIN CYRIL J 406 CREMAZIE ST E APT 3 MONTREAL QUE KAMSASK SASK	PH D 2
BROWNSTEIN PHILIP 5725 TRANS ISLAND AVE MONTREAL QUE	B SC 3 EX 2896
BROWNSTEIN RITA 5725 TRANS ISLAND AVE MONTREAL QUE	B SC 4 EX 2896
BRUCE ROBERTA MAUDE 3480 ONTARIO AVE MTL 419 MAIN ST W HAMILTON ONT	B S W 1
BRUCK ESTHER RUTH 1942 BARCLAY AVE MONTREAL QUE	P A 2 EX 0641
BRULE RAYMOND JOSEPH 1017 WILSON AVE N D G MONTREAL QUE	M SC 1 WA 7486

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BRUNEAU BARBARA ANNE 3780 MAPLEWOOD AVE MONTREAL 26 QUE	B SC 2 EX 1201
BRUNET ESFIRA B 3475 RIDGEWOOD AVE MONTREAL QUE	M A 2 EX 7375
BRUNET JOSEPH ALBERT D 3635 HUTCHISON ST MONTREAL QUE	MD CM 3 BE 7114
BRYANT JOHN ADIN 3400 RIDGEWOOD APT 7 MONTREAL QUE	MD CM 4 EX 6892
BRYSON JOSEPH WILLARD MACDONALD COLLEGE ORMSTOWN QUE	B SC AGR 4
BRYSON WILLIAM T 528 LANSDOWNE AVE WESTMT 2072 CADBORO BAY RD VICTORIA B C	D D S 2
BURAR JOHN STEPHEN MACDONALD COLLEGE R R 1 NEWBURGH JCT CAR CO N B	B SC AGR 3
BUBIE GRETCHEN M MACDONALD COLLEGE 79 MAPLE AVE SHAWINIGAN FALLS QUE	HOMEMAKER 1
BUCCI ILDA MIRIAM MACDONALD COLLEGE 4396 MELROSE AVE N D G MONTREAL QUE	TCH ELEM 1
BUCHAK LUBA NADIN 6640 DES ERABLES AVE MONTREAL QUE ★10	B SC 1 GR 7593
BUCHANAN M NORMAN WILSON HALL 83 FRONTENAC ST SHERBROOKE QUE	B D 2 RE 0752
BUCHANAN PHYLLIS ORR 575 ROSLYN AVE WESTMOUNT QUE	B A 2 DE 5220
BUCHANAN WILLIAM L 1210 PINE AVE W MTL 515 EMPIRE AVE FORT WILLIAM ONT	B ENG CH 4 HA 0098
BUCHSBAUM SALOMON JAN 5181 PARK AVE MONTREAL QUE	B SC 3 CR 7955
BUCK BARBARA ANNE MACDONALD COLLEGE 4450 HARVARD AVE N D G MONTREAL QUE	TCH INT 2
BUCK JOHN MARTIN 840 VALIQUETTE AVE VERDUN QUE	B D 1 HE 5934
BUCK MAURICE WILLIAM MACDONALD COLLEGE 1383 MANNING AVE VERDUN QUE	TCH INT 2
BUCK WALTER KEITH 1590 DECARIE BLVD APT 23 VILLE ST LAURENT QUE	M SC 1
BUCKINGHAM CHARLES MACDONALD COLLEGE 2 WATEREDGE AVE LAKESIDE QUE	TCH ELEM 1
BUCKINGHAM WILLIS J MACDONALD COLLEGE RUSSELL ONT	AGR DIP 2
BUCKPIDAN RAKIB 3532 LORNE AVE APT 7 MONTREAL QUE RIO CLARO TRINIDAD B W I	B SC 2

NAME ADDRESS	COURSE & YEAR TEL. NO.
BUDZIK PETER T 4396 MELROSE AVE N D G MONTREAL QUE	B ENG 2 DE 2761
BUHR ROBERT KELLY PRESBYTERIAN COLLEGE 943 DORCHESTER AVE WINNIPEG MAN	B ENG MET 5
BULANI WALTER 1445 MACKAY ST MTL 733 BEDFORD RD SASKATOON SASK	PH D 2 HA 4987
BULL HARRY WILTON MACDONALD COLLEGE 5492 ROBERT BURNS ST N D G MONTREAL 29 QUE	B SC AGR 1
BULLOCK DAVID GORDON DOUGLAS HALL 113 NELSON ST BRANTFORD ONT	B A 2 UN 0068
BUNSTON HAROLD G 1022 OXFORD AVE N D G MONTREAL QUE	D D S 3 EL 3572
BUNTING HARRIET A L R V C 190 DONVEGAN RD TORONTO ONT	B SC P E 1
BUNTING JOHN PEARCE DOUGLAS HALL 190 DUNVEGAN RD TORONTO ONT	B COM 3 UN 2893
BUNZL ARTHUR 58 NELSON AVE OUTREMONT QUE	B SC 3 CR 3915
BURAK NICHOLAS 713 11TH AVE LACHINE QUE	B SC 2
BURKE BENJAMIN L 3415 ONTARIO AVE APT 3 MONTREAL QUE	B ENG EL 4
BURDEN HANFORD P 30 EASTON AVE MTL 4406 W 7TH AVE VANCOUVER B C	B ENG AM 5 DE 5737
BURGER JOAN CAROLE MACDONALD COLLEGE 10157 114TH ST EDMONTON ALTA	HOMEMAKER 1
BURGESS EMILY E 4064 TRAFALGAR RD MONTREAL QUE	P A 3 FI 7868
BURGESS GLENN DEWEY 48 PACIFIC ST SENNEVILLE QUE STE 45 COMMUNITY APTS SASKATOON SASK	M SC 1
BURGESS PETER WILLIAM 539 LANSDOWNE AVE WESTMOUNT QUE ★11	MD CM 1 WA 2653
BURKE GERALD 5173 ST URBAIN ST MONTREAL QUE	B SC 1 CR 5952
BURKE JOHN FRANKLIN 1000 SHERBROOKE ST W MTL 41 BAKER ST SARANAC LAKE N Y U S A	B SC 3
BURKE ROBERT ISAAC 5245 VAN HORNE AVE APT 4 MONTREAL QUE 374 ERIE ST W WINDSOR ONT	B A 3 EX 9851
BURLAND GEORGETTE J MACDONALD COLLEGE 359 5TH AVE OTTAWA ONT	B SC H EC 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
BURLEY KENNETH CHARLES 3425 STE FAMILLE APT 3 MONTREAL RIDGETOWN ONT	B ENG CI 5 MA 2754
BURMAN ERNEST CHARLES 48 JOYCE AVE APT 8 OUTREMONT QUE	B SC 1 DO 3101
BURNHAM KENNETH M 4193 MARCIL AVE N D G MONTREAL QUE	B ENG 1 DE 9246
BURNS DONALD GEORGE 1 HOLMDALE RD HAMPSTEAD NORTH LANCASTER ONT	D D S 1 WA 2617
BURNS VIRGINIA RAE 20 DUFFERIN RD STE ROSE QUE	B A 2
BURROW DOROTHEA R V C 7 SURBITON RD HALF WAY TREE JAMAICA	B A 4 UN 0158
BURROWS DONALD R 163 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	B COM 3 AT 0521
BURROWS GERALD IVAN 1086 PRUD HOMME AVE MTL 261 GEORGE ST FREDERICTON N B	B COM 4 DE 2866
BURROWS JEAN DALTON R V C 113 GLASGOW ST GUELPH ONT	M SC 1 UN 0148
BURRUS ETIENNE HUBERT 477 VICTORIA AVE MTL STE A M H RHIN FRANCE	B COM 2 WA 5130
BURWASH EVELYN JOAN MACDONALD COLLEGE 1918 11TH ST W CALGARY ALTA	B SC H EC 2
BURWELL WILLIAM B DOUGLAS HALL RENFREW ONT	MD CM 2 PL 5790
BUSCHLEN FREDERICK C PRESBYTERIAN COLLEGE ELORA ONT	B SC 3
BUSH FRANCIS DAVID 221 STRATHEARN AVE MONTREAL WEST QUE	B COM 4 DE 1529
BUSCHMAN DAVID M 395 KENSINGTON WESTMOUNT 35 25 77TH ST JACKSON HTS N Y U S A	B SC 3
BUSH WILLIAM NORMAN 558 BAY ST OTTAWA ONT	B ENG EL 4
BUSHELL ELIZABETH 12 GRENVILLE AVE WESTMOUNT QUE	B SC 3 EL 2714
BUTCHER DONALD W 60 VIVIAN AVE MOUNT ROYAL QUE	B COM 3 AT 1485
BUTERBAUGH DONA G 555 SHERBROOKE ST W MONTREAL QUE	B A 1
BUTLER JOHN DELMAR MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 4
BUTT GWENYTH JULIA MACDONALD COLLEGE 103 LE MARCHANT RD ST JOHN S NFLD	B SC H EC 4
BUTT ROBERT M 3436 DUROCHER ST BADGER NEWFOUNDLAND	MD CM 1 MA 8264
BUTT SADIE EVELYN 1555 SUMMERHILL AVE APT 409 MONTREAL QUE 123 PENNYWELL ROAD ST JOHNS NFLD	M S W 1 WE 8917
BUTT WILLIAM FRED 512 DUBLIN ST MONTREAL 22 QUE	B ENG MET 5 GL 4984
BUTTERMAN NORMAN 4941 GROSVENOR AVE MONTREAL QUE	D D S 1 AT 8028
BUTTINGER CONSTANCE R V C BROOKDALE FARM PENNINGTON N J U S A	B A 3
BUZAN WILLIAM BLAIR 952 OLD ORCHARD AVE N D G MONTREAL QUE	B COM 4 EL 9470
BYERS ALBERT DOUGLAS 3425 STE FAMILLE ST APT 3 MONTREAL QUE 350 MAIN ST N WESTON ONTARIO	B ENG MCH 5 MA 2754
BYERS SHIRLEY ELEANOR 65 THORNHILL AVE WESTMOUNT QUE	B A 1 FI 9267

C

CABANA GENEVIEVE M 3627 DECARIE BLVD MONTREAL QUE	B A 3 DE 1507
CABOTT IRWIN MARCUS 3500 ATWATER AVE APT 6 MONTREAL QUE	PH D 3 WE 5168
CADESKY FRANCES FAY R V C 216 4TH ST E OWEN SOUND ONT	B A 1
CADET CHARLES MARIE E MACDONALD COLLEGE 32 BRAZIL ST CASTRIES ST LUCIA B W I	B SC AGR 3
CADIEUX LEONARD 4337 DE LA ROCHE ST MONTREAL 34 QUE	B ENG CI 4 AM 3066
CAHN CARL HEINZ W 4915 COTE ST CATHERINE MONTREAL 29 QUE	MED DIPL 4 EX 0540
CAHUSAC HAROLD CAPEL 3851 UNIVERSITY ST MONTREAL QUE	B COM 1 UN 0068
CAILLIER FREDERICK C 11415 O BRIEN BLVD MONTREAL QUE	MD CM 4
CAIN MICHAEL H **3421 DRUMMOND ST MTL** **1 DREAN AVE** **CHICOUTIMI QUE**	**PARTIAL 0** **LA 0950**
CAIN ROBERT MITCHEL 107 SPRINGFIELD AVE GREENFIELD PARK QUE 355 N COLLEGE ST AUBURN ALABAMA U S A	M SC 1
CAINS MARY ANN 3542 NORTHCLIFFE AVE N D G MONTREAL QUE	B F A 3 DE 2906

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NAME ADDRESS	TEL. NO.	COURSE & YEAR
CAIRNS JOHN CAMERON 5278 BYRON AVE MONTREAL 29 QUE	WA 2356	B A 1
CALCE SALVADOR J 6450 11TH AVE ROSEMOUNT QUE	CR 2078	B ENG CH 4
CALDER SHEILA ANN 856 MCEACHRAN AVE OUTREMONT QUE	CA 3676	B SC 1
CALDER THOMAS L 3466 MCTAVISH ST MTL 706 6TH AVE NEW WESTMINSTER B C	LA 9533	MD CM 2
CALDWELL DAVID M 3561 HUTCHISON ST MTL 11 RICHARD RD MANCHESTER CONN U S A	LA 0564	MD CM 3
CALLAGHAN JAMES W 3581 DUROCHER ST MTL 295 MOUNTAIN ROAD MONCTON N B	HA 7778	D D S 1
CALLAN IRENE E PEACE RIVER ALBERTA	GR N CER 1	
CAMPRIDGE RONAN M PRESBYTERIAN COLLEGE 133 LONG CIRCULAR RD PORT OF SPAIN TRINIDAD	★ 13	B ENG EL 3
CAMPRON EMILE A 994 CHERRIER ST MONTREAL QUE	FR 5930	B SC 3
CAMRON KENNETH G 3630 DUROCHER ST APT 34 MONTREAL QUE	BE 8835	MD CM 4
CAMERON CLIFFORD H 3485 MCTAVISH ST MTL 252 MAIN ST LENNOXVILLE QUE		P ENG MET 5
CAMERON DONALD K DIOCESAN COLLEGE 1 KENSINGTON ST ANDOVER MASS U S A	MA 4902	B SC 3
CAMERON DONALD S DOUGLAS HALL 26 DOUGLAS DR TORONTO ONT		B COM 1
CAMERON DONALDA MARY R V C 417 PITT ST CORNWALL ONT	UN 0206	B A 3
CAMERON FRANCIS HUGH 1229 MOUNT ROYAL BLVD MONTREAL QUE	DO 2747	M S W 1
CAMERON FRANCIS J 542 SHERBROOKE ST W MTL 51 HOPE RD HALF WAY TREE JAMAICA	RE 0318	B ENG CI 4
CAMERON MYRNA MARIE R V C 72 UNION ST ST JOHN N B	UN 0107	B A 2
CAMERON PETER ALFRED DOUGLAS HALL 26 DOUGLAS DRIVE TORONTO ONT	UN 2893	B COM 2
CAMERON STEWART H 4776 VICTORIA AVE MTL MEADOWVILLE STATION PICTOU CO N S	EL 7610	MD CM 4
CAMP GEOFFREY M 390 COTE DE LIESSE RD TOWN OF MT ROYAL QUE		P ENG EL 5
CAMP MARYLIN CHASNEY 124 WOLSELEY AVE MONTREAL WEST QUE	DE 5154	B S W 1
CAMP TOM CHASNEY 124 WOLSELEY AVE MONTREAL WEST QUE	DE 5154	B A 3
CAMPBELL ALAN D 7044 CHAMPAGNEUR AVE MONTREAL 15 QUE	★ 14	H ENG EL 5 CA 7988
CAMPBELL COLIN JR 546 MILTON ST APT 2 MTL 1230 SO ARLINGTON RIDGE ARLINGTON VIRGINA U S A	MA 3725	MD CM 2
CAMPBELL COLIN G 795 ST CLAIRE RD TOWN OF MOUNT ROYAL QUE 11 LORRAINE AVE WESTMOUNT QUE	EL 2226	B ENG 2
CAMPBELL DOUGLAS A 3478 MCTAVISH ST MTL 3940 COTE DES NEIGES RD MONTREAL QUE	PL 7412	B A 4
CAMPBELL GLEN HYND 639 REGINA AVE VERDUN QUE	TR 1854	B SC 3
CAMPBELL JANET E 3561 PEEL ST APT 1 MTL HASTINGS ONT	RE 4597	MD CM 4
CAMPBELL JOHN DUNCAN 3485 MCTAVISH ST MTL 9 BARNESDALE AVE HAMILTON ONT		PH D 3
CAMPBELL JOHN FRASER 63 CORNWALL AVE TOWN OF MOUNT ROYAL QUE	AT 3115	B COM 3
CAMPBELL LACHLAN ROSS 4644 OXFORD AVE N D G MONTREAL QUE		B ARCH 2
CAMPBELL LAIRD BRUCE 3075 CEDAR AVE MONTREAL QUE	★ 15	B ENG 2 WI 7350
CAMPBELL MARY M 702 GROSVENOR AVE WESTMOUNT QUE	WA 3488	B A 4
CAMPBELL MASON M 3430 CUVILLIER ST MONTREAL QUE	AM 5447	B SC 4
CAMPBELL MAXIM R 550 MILTON ST MTL 8 THORNHILL ST NE PLUS U SAN FERNANDO TRIN B W I	LA 7002	PARTIAL 0
CAMPBELL ROBERT B 356 BEACONSFIELD BLVD BEACONSFIELD QUE		B COM 1
CAMPBELL SHEILA E 637 VICTORIA AVE WESTMOUNT QUE	EL 4564	B COM 3
CAMERON JOHN A H WILSON HALL 35 WOODLAWN AVE OTTAWA ONT	UN 0169	B SC 2
CANAL CHISLAINE R R V C FIRTE DE MAGRY METZ MOSELLE FRANCE	UN 0107	B SC 1
CANAVAN GORDON STUART MACDONALD COLLEGE ADMIRIAL OCK HANTS CO N S		B SC AGR 4
CANDILIDIS JOHN 3702 JEANNE MANCE ST MTL 75 MALIKA NAZLI CAIRO EGYPT	MA 7117	B SC 3
CANDLISH JOHN HENRY MACDONALD COLLEGE 5830 COTE ST LUKE RD MONTREAL QUE		B SC AGR 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CANER MARY ADELINE R V C 63 MARBORO ST BOSTON MASS U S A	B A 2
CANEY NORMAN LEO 8566 CHAMPAGNEUR ST MONTREAL QUE	B SC 4 CA 2600
CANN KEITH EDGAR 12 MONTEE ST MARIE ST STE ANNE DE BELLEVUE QUE	M SC 2
CANNON MAUREEN ANN 3388 GROSVENOR AVE WESTMOUNT QUE	B A 3 DE 7165
CANTIN CLAUDE 1486 CHOMEDEY APT 6 MTL 43 FRASER ST LEVIS QUE	B ENG CH 5 WE 6481
CANTIN JACQUES 1486 CHOMEDEY ST MTL 43 FRASER ST LEVIS QUE	B C L 2 WE 6481
CANTIN GILLES 1486 CHOMEDEY MTL 43 FRASER ST LEVIS QUE	B ENG MET 4
CANTLEY JANE FRASER R V C 44 TEMPERANCE ST NEW GLASGOW N S	B A 3
CANVIN JOHN ALFRED DOUGLAS HALL 25 BROOKFIELD RD HAVERSHAM BUCKS ENG	B A 3 UN 0068
CAPE EDMUND 737 QUERBES AVE OUTREMONT P QUE	B A 1 DO 7061
CAPEL AUDREY 129 56TH AVE LACHINE QUE	B F A 3
CAPELOVITCH EDWARD 5404 HUTCHISON ST OUTREMONT QUE	B A 4 CA 0453
CAPELOVITCH LAURENCE 4967 VICTORIA AVE MONTREAL QUE	B A 3 EL 3438
CAPLAN HAROLD 4586 JEANNE MANCE ST MONTREAL QUE	B ENG 1 HA 4371
CAPLAN JACOB HARRY 4634 JEANNE MANCE ST MONTREAL QUE	B ENG 2 BE 6122
CAPLAN LIONEL 2415 MAPLEWOOD AVE MONTREAL QUE	B COM 3 AT 3125
CAPOGRECO VINCENT E MCGILL FIELD HOUSE 884 SOMERSET ST W OTTAWA ONT	D D S 1
CARAVIA SOPHIE MCLENNAN HALL PATRIARCHON JOAKIM 35 ATHENS GREECE	B F A 1 PL 0044
CARBONNEAU COME 3608 STE FAMILLE ST MTL 510 5TH AVE GRAND MERE QUE	PH D 3 HA 8916
CARDOZA CARMEN C M 5717 DOUSSIN ST APT 6 MONTREAL QUE	B A 1
CARDOZO ROBERT LOPES 6230 MOUNTAIN SIGHT MONTREAL QUE 11809 83RD AVE KEW GARDENS 15 N Y U S A	M A 2 AT 0210
CAREY ANNE ELIZABETH 581 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B A 3 EX 5915
CARISSE J BERNARD 3432 ST ANTOINE ST MTL 590 RIDEAU ST OTTAWA ONT	B C L 1 WI 1025
CARLIN JOSEPH THOMAS 623 PRINCE ARTHUR ST W APT 4 MONTREAL QUE 107 LAKE AVE BLASDELL N Y U S A	B SC 1
CARLILE SHEILA ANNE 6378 MONKLAND AVE N D G MONTREAL QUE	B SC 4 DE 2404
CARLSON LEONARD I 517 PINE AVE W MTL BOX 59 CANWOOD SASK	M S W 1 MA 2948
CARLTON ROBERT HUGH 82 SOMERVILLE AVE WESTMOUNT QUE	B SC 4 EL 0316
CARMICHAEL JOHN A 6255 SHERBROOKE ST W APT 16 MONTREAL QUE NEEPAWA MANITOBA	M S W 2 DE 6310
CARNWATH JOHN HOWITT 3647 UNIVERSITY ST MTL 419 VINCENT ST WOODSTOCK ONT	P ENG MCH 4 MA 2806
CARON JOHN DOUGLAS HALL 89 ST GERMAIN ST RIMOUSKI QUE	MD CM 3 UN 0068
CARPENTER GEORGE S 3797 DECARIE BLVD MONTREAL QUE	B COM 3 DE 3232
CARR DAVID ALEXANDER 1640 VAN HORNE AVE OUTREMONT QUE	B SC 3 CA 6281
CARR JOSEPH WILLIAM MACDONALD COLLEGE 24 PRINCE ST HUNTINGDON QUE	M SC 2
CARR HARRIS LLOYD 3478 MCTAVISH ST MONTREAL QUE	B A 4 PL 7412
CARRIERE RITA M 2085 UNION AVE MONTREAL QUE	GRAD QUAL 1 RE 7636
CARRINGTON STANLEY B 1671 SHERBROOKE ST MTL WINDSOR ST GEORGE BARBADOS B W I	B ENG EL 3 WI 1684
CARROLL JUNE STARR 3732 MACKENZIE ST MTL L A CITY COLLEGE LOS ANGELES 27 CALIF USA	PH D 2 EX 1689
CARROLL MURRAY 1455 DRUMMOND ST APT 213 MONTREAL QUE 1357 BARCLAY ST E VANCOUVER B C	PH D 3 LA 9627
CARRUTHERS KENNETH D 148 WOLSELEY AVE MONTREAL WEST QUE	B ARCH 6 DE 9910
CARSON JEANNETTE JOAN MACDONALD COLLEGE 639 DE L EPEE AVE OUTREMONT QUE	TCH ELEM 1
CARSON PATRICIA D 1455 DRUMMOND ST APT 1008 MONTREAL 25 QUE	B A 4 MA 5079

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CARSON WILLIAM ROBERT 4610 ST CATHERINE ST W WESTMOUNT QUE 241 DUKE ST ST JOHN N B	B COM 2 WE 2150
CARTER CONSTANCE H 27 6TH AVE VILLE LA SALLE QUE 1 VICTORIA AVE BEDFORD QUE	B SC 3 TR 3617
CARTER DONALD DEAN 1371 PINE AVE W MTL 446 LOVE ST ERWIN TENN U S A	M S W 1
CARTER DOUGLAS RANDAL 350R DUROCHER ST MTL EVERTON ST GEORGE BARBADOS B W I	B SC 3 MA 4352
CARTER GEORGE BLAKE 555R DECELLES AVE APT H1 MONTREAL QUE	B ENG MCH 4 EX 8278
CARTER GEORGE FRANCIS WILSON HALL PINE HILL ST MICHAEL BARBADOS B W I	B SC 4 UN 0267
CARTER WILFERD M 6481 COTE DES NEIGES RD BOX 73 GASPE QUE	MD CM 2
CARTIER JACQUES F 185 SHERBROOKE STE MTL LINDEN ST EXETER N H U S A	PARTIAL 0 LA 0693
CARTIER JAMES ANDREW 690 SHERBROOKE ST W MTL 4832 WILSON AVE N D G MONTREAL QUE	B C L 1 LA 2246
CARTLEDGE NORMA E MACDONALD COLLEGE 157 THORNTON AVE TOWN OF MOUNT ROYAL QUE	B SC H E 3
CARTY MAURICE F WILSON HALL 160 WAVERLEY ST OTTAWA ONT	B ENG EL 3
CARVAJAL ADOLFO 3757 WILSON AVE N D G MONTRHEAL QUE	B ENG 1 EL 0508
CARWARDINE ROBERT R 1034 SHERBROOKE ST W MTL 22 KIPPEWA DRIVE OTTAWA ONT	B ENG CI 4 MA 3090
CASH DONALD 1395 DECARIE ELVD APT 12 VILLE ST LAURENT QUE	B ARCH 4 BY 7112
CASHMAN EDWARD F MACDONALD COLLEGE 66 GOULBOURN AVE OTTAWA ONT	B SC AGR 4
CASSAR LOUIS 3474 UNIVERSITY ST MTL 49A MONTREAL ST SHERBROOKE QUE	MD CM 2 MA 4902
CASSELMAN RICHARD C 3605 UNIVERSITY ST MTL BOX 190 PRESCOTT ONT	B COM 3 LA 0643
CASSIDY ROBERT E 39 THORNHILL AVE MTL 215 QUEEN ST TRURO N S	B ARCH 5
CASTLE JOHN PETER H DOUGLAS HALL 259 LAURIER AVE QUEBEC CITY QUE	B COM 2 UN 0068
CASWELL CHARLES F 26 SPRINGFIELD AVE WESTMOUNT QUE	B ENG 1 EL 1694
CATER JOHN 246 ELM AVE WESTMOUNT 550 PARK AVE NEW YORK 21 N Y U S A	B ENG 2 FI 0927
CATTANACH SHEILA H MTL NEUROLOGICAL INST 3 BLINKBONNY GARDENS EDINBURGH SCOTLAND	MED DIPL 2 PL 1251
CATTERILL THOMAS B DOUGLAS HALL 109 FARADAY ST OTTAWA ONT	MD CM 1 UN 0068
CATTERSON ALISTAIR 2144 PRUD HOMME AVE MTL FARNHAM QUE	B SC 3 EL 5119
CAVADIAS TOLI A 3419 UNIVERSITY ST MTL 621 ECHO DRIVE OTTAWA ONT	B ENG 2 MA 0668
CAVAL CANTI HENRIQUE DOUGLAS HALL RUA NASCIMENTO SILVA 130 RIO DE JANEIRO BRAZIL	B ENG CI 5
CAVANAGH GEORGE S T 3457 NORTHCLIFF AVE MTL 140 BRISTOL AVE WINNIPEG MAN	B L S 1 EL 3406
CAVE ALTHEA ELLEN MACDONALD COLLEGE LITTLE LONG LAC GOLD MINE GERALDTON ONT	B SC H E 3
CAVE WILLIAM STEPHEN DOUGLAS HALL LITTLE LONG LAC GOLD MINES GERALDTON ONT	MD CM 4
CAVEHILL WILLIAM A J 3437 PEEL ST MONTREAL QUE	B A 3 PL 1674
CAYFORD DOUGLAS B 587 NOTRE DAME AVE ST LAMBERT QUE	B ARCH 6
CAZA VINCENT BERNARD 3611 HUTCHISON ST MTL 34 BOUCHETTE ST HUNTINGDON QUE	MD CM 1 LA 6644
CERNY MARIA ELIZABETH 4940 CORONET AVE MONTREAL 26 QUE	B SC 1 AT 6502
CHADWICK CATHERINE M 90 SUNNYSIDE AVE WESTMOUNT QUE	B F A 2 EL 6811
CHAIKELSON MORRIS 5901 JEANNE MANCE ST MONTREAL QUE	B A 3 CA 5440
CHALIFOUR PAUL 3801 CAVENDISH AVE MTL 130 ST JOHN ST FREDERICTON N B	B COM 4
CHALLIS THOMAS W 1619 LINCOLN AVE APT 8 MONTREAL KOKSILAH VICTORIA B C	MD CM 4 WE 8530
CHALMERS ELIZABETH 595 CURZON ST ST LAMBERT QUE	GR N CERT 1
CHALONER DONALD C 4841 ROSEDALE AVE N D G MONTREAL QUE	D D S 1 EL 9647
CHAMANDY EMIL FRANK 632 ST GERMAIN ST OUTREMONT QUE	B A 2 AT 5383

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CHAMBERLAIN DONALD A 4390 KING EDWARD AVE MONTREAL 28 QUE	B ENG 2 EL 8856
CHAMBERLAIN ROSS E 4390 KING EDWARD AVE N D G MONTREAL QUE	B ENG CI 5 EL 8856
CHAMBERS BARBARA ANN 641 VICTORIA AVE WESTMOUNT QUE	P A 3 EL 3973
CHAMBERS ROBERT D 641 VICTORIA AVE WESTMOUNT QUE	B A 2 EL 3973
CHAMPAGNE GUY JEAN B 631 18TH AVE LACHINE QUE	B ENG CI 3
CHAMPAGNE PIERRE A 5783 NORTHMOUNT AVE MONTREAL QUE	B C L 3 AT 8802
CHAMPION JOAN MAY MACDONALD COLLEGE 4630 KINGSTON AVE N D G MONTREAL QUE	B SC H EC 1
CHAN VICTOR OSCAR ROSIGNOL BERBICE BRITISH GUIANA	PH D 3
CHANNON JOHN WILLIAM MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M A 1
CHAPLEAU CAROLYN M MACDONALD COLLEGE 510 PRINCE ALBERT AVE WESTMOUNT QUE	HOMEMAKER 1
CHAPLIN ANNEMARIE H H 3622 LORNE CRESCENT APT 4 MONTREAL QUE 98 WURTEMBURG ST OTTAWA ONT	B A 4 LA 5821
CHAPLIN JOHN PETER 51 PERRAULT AVE STE ANNE DE BELLEVUE QUE ABBOTSFORD QUE	B SC AGR 2
CHAPLIN PHILIP ALFRED 3622 LORNE CRESCENT MONTREAL QUE	B L S 1 LA 5821
CHAPMAN JOHN HERBERT 5767 DOUSSIN ST APT 11 MONTREAL QUE 20 MITCHELL ST ST THOMAS ONT	PH D 3
CHAPMAN MARIAN HOLMES 5767 DOUSSIN AVE MTL 20 MITCHELL ST ST THOMAS ONT	M SC 2
CHAPMAN NIGEL VANCE 3581 UNIVERSITY ST MTL 878 WADHAM GARDENS LONDON ENGLAND	B ARCH 6 MA 3842
CHAPPEL RICHARD H MACDONALD COLLEGE HAIGHTON FARM P O BANKET S RHODESIA	AGR DIP 1
CHAPUT J MARCEL 49 MAISONNEUVE ST HULL QUE	M SC 2
CHARASZ JERZY 5352 PARK AVE APT 24 MONTREAL QUE	B ENG EL 3 GR 2766
CHARBONNEAU LOUISE 6367 CHAMBORD ST MONTREAL QUE	MUS QUAL 1 DO 2119
CHARLAP CARL 5687 PARK AVE APT 12 MONTREAL R QUE	B ARCH 2 DO 7142
CHARLAP GEORGE 3506 UNIVERSITY ST MONTREAL QUE	B ENG MI 5 UN 0286
CHARLEBOIS JOHN EMILE 6529 CHAMBORD ST MONTREAL QUE	B ENG CH 4 TA 2097
CHARLES CHRISTINE M R V C 43 NELSON ST HAWKESBURY ONT	B SC 3 UN 0088
CHARLES GEORGE EDWARD 3590 STE FAMILLE ST MTL 456 6TH AVE GRAND MERE QUE	M ENG 2 HA 3977
CHARLTON PATRICIA H R V C C O CENTRAL PAPER CO MUSKEGON MICHIGAN U S A	B A 4 UN 0138
CHARNESS GERALD N F 716 DE L EPEE AVE APT 1 OUTREMONT QUE	B A 3 CA 7189
CHARNESS LUCILLE C 4401 COOLBROOK AVE MONTREAL QUE	B A 3 EL 2726
CHARNETSKY PEARL 5851 ESPLANADE AVE MONTREAL QUE	B C L 1 CR 5210
CHARNEY GERALD 6294 DE VIMY AVE MONTREAL R QUE	B SC 1 AT 1840
CHAROW ISADORE 781 STUART AVE OUTREMONT QUE	B ENG MCH 3 CA 2901
CHARRON EDGAR CHARLES 1447 CHOMEDY ST MTL NAMUR CO PAPINEAU QUE	B ENG EL 4 FI 6060
CHARRON ROBERT ALBERT 8162 DES BELGES AVE MONTREAL 10 QUE	B ENG 2 TA 5726
CHARTERIS JOAN NANCY 1525 ST MARK ST MONTREAL QUE	B A 2 FI 3828
CHARTRAIN JEAN 1514 CRESCENT ST MTL 1022A STE ANGELE THREE RIVERS QUE	B COM 1 MA 7457
CHASE FRANCES B R V C 10214 125TH ST EDMONTON ALTA	B A 3 UN 0019
CHASE FRANCIS EDWARD DEPT OF BACTERIOLOGY ONT AGRICULTURAL COLL GUELPH ONT	PH D 4
CHASE WALTER GEORGE 2255 SICARD ST MONTREAL QUE	B ARCH 5 CL 5405
CHASE WILLIAM HENRY DOUGLAS HALL 10214 125TH ST EDMONTON ALBERTA	MD CM 3 UN 4076
CHASMAR LESLIE R 1940A BARCLAY AVE MTL HANLEY SASK	MD CM 4 AT 3290
CHATEL GERARD JACQUES 7777 ST DENIS ST MONTREAL 10 QUE	B C L 1 CR 5119
CHATELANAT RAYMOND P DOUGLAS HALL APPLETREE COTTAGE SUNNINGDALE BERKS ENG	B A 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CHATTEN JANE R V C 64 EAST 80TH ST NEW YORK 21 N Y U S A	B SC 2 UN 0217
CHAUVIN JOHN HENRY M 3535 COTE STE CATHERINE APT 3 MONTREAL 26 QUE	B ENG MCH 3 AT 5112
CHAVE RICHARD MACDONALD COLLEGE 212 UPPER WOODLANDS QUE	AGR DIP 2
CHAVES AFFONSO G F 3265 BARCLAY AVE APT 3 MONTREAL QUE RUA SOROCABA 570 APT 102 BOTAFOGO RIO DE JANEIRO BRAZIL	B ENG 2 AT 7732
CHAVEZ REYNALDO 2057 MCGILL COLLEGE AVE APT 2 MONTREAL QUE	B ENG 2
CHEHOWY PETER NERTOR 4930 DE LA SAVANE RD MONTREAL QUE	B A 1 AT 1741
CHENEVERT GUY JOHN R 1498 SHERBROOKE ST W MTL 50 PALACE HILL QUEBEC CITY QUE	B SC 2 WE 0434
CHENEVERT JOHN GUY 598 LANSDOWNE AVE WESTMOUNT QUE	B A 1 DE 3848
CHENEVERT ROBERT O 538 PRINCE ARTHUR ST W MONTREAL QUE 965 ROYAL ST THREE RIVERS QUE	B ENG CI 5 PL 6039
CHENIER GERARD 8612 DROLET ST MONTREAL QUE	B C L 2
CHERRY JOSEPH B MTL GENERAL HOSPITAL 17 LONGMEADOW ST LONGMEADOW MASS U S A	MED DIPL 5 PL 7751
CHICOINE MYRA C 2519 COTE ST CATHERINE OUTREMONT QUE	B A 1
CHILD WENDY ALICE G 4920 MAYFAIR AVE N D G MONTREAL QUE	B A 1 WA 5588
CHILDE CYRIL H J THEOLOGICAL COLLEGE BANFF ALTA	B SC 2
CHIN DORIS MAY MACDONALD COLLEGE 33 ST JAMES ST MONTEGO BAY JAMAICA BWI	B SC H EC 1
CHIN JACK 5257 QUEEN MARY RD APT 27A MONTREAL QUE 6510 KIMBARK AVE CHICAGO ILL U S A	B SC 3
CHIN WILFRED C 3439 SHUTER ST MTL INNSWOOD OLD STONY HILL JAMAICA B W I	MD CM 1 BE 0017
CHIPMAN JULIAN COLBY DOUGLAS HALL OKA QUEBEC	B A 4
CHIPPS GEORGE EDWARD 5281 CONNAUGHT AVE N D G MONTREAL QUE	B ENG EL 5 WA 5387
CHISHOLM CATHERINE A 3234 CEDAR AVE WESTMOUNT QUE RUTH COLOGNY GENEVA SWITZERLAND	B SC H EC 2 WE 3123
CHISHOLM DAINTRY C 1624 OINE AVE MONTREAL QUE	B SC P E 4 WE 4961
CHISHOLM MARGARET I MACDONALD COLLEGE R R 1 STELLARTON PICTON CO N S	R SC AGR 3
CHISNELL MABEL CLAIRE 3643 UNIVERSITY ST APT 2 MONTREAL QUE SHAWVILLE QUE	CR N CERT 1 LA 5452
CHIVERS KENNETH F G 3739 GERTRUDE ST VERDUN QUE	B A 4 TR 3140
CHOLETTE MONIQUE MACDONALD COLLEGE 118 NICHOLSON ST VALLEYFIELD QUE	HOMEMAKER 1
CHOQUETTE LAURENT P MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 3
CHOMAY JOHN 1669 CITY HALL AVE MONTREAL QUE	B SC P E 4 HA 3076
CHOMYN JOHN A W 4036 VENDOME AVE MTL CARPENTER SASK	PARTIAL 0 EL 0889
CHONG JOHN KENNETH WILSON HALL 69 JALAN ABDUL JALIL GREENTOWN IPOH PERAK MALAYA	B SC 4 UN 0267
CHOUINARD ALPHONSE L 3610 DUROCHER ST APT 14 MONTREAL QUE ST QUENTIN REST CO N B	B ENG MET 4 LA 7993
CHOUINARD DENIS J A 8344 ST GERARD ST MONTREAL QUE	B COM 2 DU 4276
CHOUINARD RENE 2032A ST TIMOTHEE ST MONTREAL QUE	B ENG 2
CHOW DAVID YIK FU 1441 DRUMMOND ST RM 1211 MONTREAL QUE	GRAD QUAL 1 MA 4171
CHRISTENSEN ANGELA R V C 120 WURTEMBURG ST OTTAWA ONT	B A 3 UN 0138
CHRISTENSEN HJORDIS 5103 WESTERN AVE N D G MONTREAL QUE	B SC 2 DE 2236
CHRISTIE ELINOR M 20713 LAKESHORE RD BAIE D URFE QUE	PARTIAL 0
CHRISTIE PAUL A 3610 HUTCHISON ST APT 1 MONTREAL QUE MARSHALL S BAY ARNPRIOR ONT	MD CM 4
CHRISTIE STANLEY G 3653 UNIVERSITY ST MTL P O BOX 126 NASSAU N P BAHAMAS B W I	MD CM 2 PL 2073
CHRISTIE WALTER L 2280 OXFORD AVE MTL ST MARGARETS BAY HALIFAX CO N S	M SC 1 WA 9769
CHRISTIE WILLIAM C R R 2 THETFORD MINES QUE	B SC AGR 1
CHRISTMAN ERIC F 1523 DRUMMOND ST MONTREAL QUE	B ENG 1
CHROM VIVIAN H 106 BAGG ST MTL 3 WOLFSON ST MT CARMEL HAIFA ISRAEL	B SC 1 LA 4862

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NAME ADDRESS	TEL. NO.	COURSE & YEAR
CHRYSSOULAKIS MICHAEL DOUGLAS HALL 169 ASKLINIOU ST ATHENS GREECE		B ENG 1
CHUN ROWLAND FRANCIS 2197 MARCIL AVE MONTREAL QUE	DE 1020	B COM 3
CHUNG WALLACE B 1441 DRUMMOND ST MTL 557 CORMORANT ST VICTORIA B C		MD CM 2
CHURCH JAMES PETER 3774 WILSON AVE MONTREAL QUE	DE 2089	MD CM 4
CIACCIA JOHN 3447 HARVARD ST N D G MONTREAL QUE	WA 2342	B A 2
CILEY HELEN JEAN MACDONALD COLLEGE 4895 ROSEDALE AVE MONTREAL QUE		HOMEMAKER 1
CIPLIJAUSKAITE JURATE 3500 DUROCHER ST APT 5 MONTREAL QUE	MA 1960	B SC 3
CHURCH JOHN EVAN 126 VIVIAN AVE TOWN OF MOUNT ROYAL QUE	AT 1334	B COM 4
CLAMEN MARVIN 5852 HUTCHISON ST OUTREMONT QUE	CA 1423	MD CM 3
CLANCEY EDMUND JOSEPH 2057 DORCHESTER WEST MTL 224 82ND ST BROOKLYN 9 N Y U S A	WE 5956	B SC 3
CLANCY BARBARA HELEN 10875 DURHAM AVE AHUNTSIC MONTREALQUE	DU 1630	B SC P E 4
CLARK DAVID BLACKWOOD 5964 IBERVILLE ST MONTREAL QUE	TA 1239	B COM 4
CLARK DAVID S MACDONALD COLLEGE MOORES MILLS CHAP CO N B		B SC AGR 3
CLARK DOUGLAS HUGH 5 YORK AVE WESTMOUNT MTL P O BOX 70 GRENVILLE QUE	EL 6392	B SC 3
CLARK EDWARD ANDREW 766 RIVERVIEW AVE VERDUN QUE	TR 1780	B ENG 2
CLARK EDWARD JOHN MACDONALD COLLEGE KILBOURN AVE BILLING S BRIDGE ONT		B SC AGR 3
CLARK ERIC NORMAN 465A LAFLEUR AVE VILLE LA SALLE QUE 1738 E 73RD ST CHICAGO ILL U S A	WA 3790	PH D 4
CLARK GEORGE HOWARD R R 2 PICTON PICTON CO N S		B SC AGR 4
CLARK GORDON MURRAY 49 CEDAR AVE PT CLAIRE QUE		M SC 2
CLARK IAN CHRISTIE 3637 UNIVERSITY ST MTL 242 DUNVEGAN RD TORONTO ONT	MA 1736	B A 2
CLARK JAMES WARD WILSON HALL 639 15TH ST S LETHBRIDGE ALTA	UN 0267	B A 2

NAME ADDRESS	TEL. NO.	COURSE & YEAR
CLARK JAMES WILLIAM 1753 NORTH AVE OUTREMONT QUE	AT 4173	B ENG MCH 4
CLARK JANICE ENID 30 ST THOMAS ST STE ANNE DE BELLEVUE QUE HIGHWATER QUE		TCH ELEM 1
CLARK JOHN PRESBYTERIAN COLLEGE 654 CHESTNUT ST FREDERICTON N B		PARTIAL 0
CLARK JOHN DRABBLE 4897 MAYFAIR AVE N D G MONTREAL QUE	WA 5288	B COM 2
CLARK MARGERY ALLISON R V C 681 ST URSULE ST THREE RIVERS QUE		B A 1
CLARK PATRICIA ANNE MACDONALD COLLEGE MOUNTAIN ONT		B SC AGR 2
CLARK ROBERT VERNON MACDONALD COLLEGE NORTH WILTSHIRE PRINCE EDWARD ISLAND		M SC 1
CLARKE DAVID W WILSON HALL PINE HILL BARBADOS B W I		B ENG PHY 5
CLARKE DEIRDRE ANNE MACDONALD COLLEGE 4416 BEACONFIELD AVE MONTREAL 28 QUE		TCH INT 2
CLARKE HAROLD D T 5406 CLANRANALD AVE MONTREAL QUE	EL 3021	B SC 1
CLARKE MARGARET E MACDONALD COLLEGE HENBURY PINE HILL ST MICHAEL 15 BARBADOS		B SC H EC 2
CLARKE PETER MACRAE 5044 N D G AVE WESTMOUNT QUE	WA 2832	B ENG MI 3
CLARKE RICHARD T 631 MILTON ST MTL PILGRIM RD CH CH BARBADOS B W I	HA 9754	B A 2
CLARKE RONALD S 194 SELBY ST MTL PEEL CARLETON CO N B	WI 6640	M SC 2
CLARKE THELMA J MACDONALD COLLEGE PALMERS ST PHILIP BARBADOS B W I		B SC H EC 4
CLAXTON DAVID D S 4090 HIGHLAND AVE MTL 190 MACLAREN ST OTTAWA ONT	FI 1020	B SC 2
CLAY CHARLES KEITH MACDONALD COLLEGE R R 3 CHARLOTTETOWN P E I		B SC AGR 2
CLAYTON BLANCHE P 495 PRINCE ARTHUR ST W APT 10 MONTREAL QUE C O H CLAYTON BOX 307 DEEP RIVER ONT	MA 4314	PH D 3
CLEARIHUE JOYCE G 3517 HUTCHISON ST MTL 2445 LANSDOWNE RD VICTORIA B C	PL 6905	MD CM 2
CLEARY GERALD JOHN 1215 BISHOP ST MONTREAL 25 QUE	PL 3930	B COM 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CLEATHER EDWARD G 3420 PEEL ST MTL 221 STRATHMORE BLVD TORONTO ONT	B A 4 PL 7385
CLEGHORN JOHN MARNOCH 4307 MONTROSE AVE WESTMOUNT QUE	B SC 1 WE 5000
CLEMAN GOLDIE 810 HARTLAND AVE OUTREMONT QUE	B A 4 EX 1522
CLEMENT JEAN GILLES 3507 CHAPLEAU ST MONTREAL QUE	B ENG MI 4 CH 8172
CLEMENTS CAROLINE M 383 CLAREMONT AVE WESTMOUNT QUE	B SC 3 EL 9819
CLERK STEPHEN SAINT HILAIRE ROUVILLE CO QUE	B C L 3
CLERMONT YVES W 18 BELOEIL ST OUTREMONT QUE	PH D 2 GR 6531
CLEOGH ISOBEL WENDY 276 34TH AVENUE LACHINE QUE	B SC P E 3
CLEWER GEOFFREY 2242 FIFTH AVE THREE RIVERS QUE	B ENG MCH 4
CLIFF AUDREY JANET 4772 UPPER ROSLYN AVE MONTREAL QUE	B A 4 DE 5708
CLIFF JUDITH B 4772 UPPER ROSLYN AVE MONTREAL QUE	A & S COM 1 DE 5788
CLIFT DOMINIC BERNARD 288 GROSVENOR AVE WESTMOUNT QUE	B A 3 FI 7939
CLINCH HARRY A 1441 DRUMMOND ST MONTREAL QUE	M A 1 MA 4171
CLOUSTON JAMES M 1490 FORT ST MONTREAL QUE	MD CM 1
CLOUSTON PATRICIA L J 6845 MONKLAND AVE N D G MONTREAL QUE	B SC 1 DE 5211
CLOUT EDWARD ALBERT 3265 BARCLAY AVE APT 8 MONTREAL QUE 97 COOKSHIRE ST EAST ANGUS QUE	P ENG MCH 5 EX 8212
CLOUTIER ALBERT M 3640 HUTCHISON ST MONTREAL QUE	MD CM 1 LA 9828
CLOUTIER ERIC HENRI 3637 UNIVERSITY ST MONTREAL QUE	B C L 2 HA 1736
CLOUTIER JOSEPH A 1242 BISHOP ST MTL BOX 519 ROBESVAL LAKE ST JOHN QUE	B SC 1 LA 7900
CLYKE STANLEY A 768 WALKER AVE ST HENRI MONTREAL QUE	M S W 2 YO 7862
COADY JOAN CATHERINE 2050 PATRICIA AVE APT 5 N D G MONTREAL QUE SHEET HARBOR HALIFAX CO N S	B A 1 EL 2186
COBB CHARLES EDWARD 6601 LA SALLE BLVD VERDUN QUE COMOX B C	MD CM 1
COBBAN AILEEN ANNE 4865 HARVARD AVE N D G MONTREAL QUE	M A 1 EL 8278
COBRIN REUBEN 3977 CLARK ST MONTREAL QUE	B A 4 HA 8067
COCKERAM MARY T 3432 PEEL ST APT 202 8 GLENGROVE AVE W TORONTO ONT	M S W 2 MA 8594
COCKFIELD GEORGE A 4777 VICTORIA AVE MONTREAL QUE	B ENG CI 4 EL 3795
CODOUNIS DIMITRIUS A 3567 UNIVERSITY ST MTL 6 ROOSEVELT AVE ATHENS GREECE	B A 3 MA 0084
COEN ELAINE ESTHER 4630 MELROSE AVE N D G MONTREAL QUE	B A 2 WA 5813
COETSEE IVAN MICHAEL DOUGLAS HALL SOUTH AFRICA	MD CM 4
COFFEY J EDWIN 3508 UNIVERSITY ST MCADAM N B	MD CM 3 HA 4873
COFFEY THOMAS JAMES 451 SHERBROOKE ST W APT 1 MONTREAL QUE 61 OAK ST FRANKLIN N H U S A	B SC 4
COFFIN ALTHEA MACDONALD COLLEGE R R 4 SOURIS EAST P E I	M SC 1
COFFIN JOYCE PATRICIA 12 GREENFIELD AVE CHARLOTTETOWN P E I	B S W 1
COHEN ABRAHAM 2211 MAPLEWOOD AVE APT 2 AT 07H4 MONTREAL QUE	B C L 3
COHEN AVRUM IRWIN 785 WISEMAN AVE APT 10 OUTREMONT QUE	B A 2 TA 1202
COHEN DAVID 90 ST CATHERINE RD OUTREMONT QUE	B COM 1 CA 1964
COHEN DAVID DANIEL 1195 CRESCENT ST MTL 111 N WALNUT ST EAST ORANGE N J	MD CM 4 PL 5747
COHEN DAVID DEREK 4332 WESTMOUNT AVE WESTMOUNT QUE	B A 3 WE 5255
COHEN DOROTHY MACDONALD COLLEGE 5975 WILDERTON AVE MONTREAL QUE	TCH ELEM 1
COHEN DOUGLAS 820 BELMONT AVE WESTMOUNT QUE	B A 4 EL 9170
COHEN ESTHER F 599 BELMONT AVE WESTMOUNT QUE	B A 4 WA 5492
COHEN HARRIET THELMA MACDONALD COLLEGE 1227 BERNARD AVE WEST OUTREMONT QUE	TCH ELEM 2 CA 4393
COHEN IRWIN CYRIL 424A SAINT JOSEPH BLVD W OUTREMONT QUE	B A 2 CA 8824
COHEN JESSE 4894 MARIETTE AVE N D G MONTREAL QUE	M A 1 WA 1768

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NAME ADDRESS	COURSE & YEAR TEL. NO.
COHEN LAWRENCE N 705 OUTREMONT AVE APT 1 OUTREMONT QUE	P A 2 CA 4341
COHEN LESTER SINGER 2780 WILLOWDALE AVE APT 15 MONTREAL QUE	PARTIAL 0 AT 8898
COHEN MARGOT CARLIN 4615 COTE ST CATHERINE MONTREAL QUE	B F A 3 AT 1216
COHEN MARYLIN 5250 PARK AVE APT 1 MONTREAL QUE	L MUS 2 CR 6013
COHEN MARKI 5585 ST URBAIN ST MONTREAL QUE	B ENG MCH 5 TA 3216
COHEN MARVIN 4853 JEANNE MANCE ST MONTREAL 8 QUE	P A 1
COHEN ROBERT 41 SOMERVILLE AVE WESTMOUNT QUE	B COM 1 DE 5841
COHEN RHODA 3549 ST FAMILLE ST MONTREAL QUE	B SC 1 PL 4021
COHEN SORRYL ESTHER 710 MCEACHRAN AVE MONTREAL QUE	M PS SC 2 CA 6241
COHN DOREL 634 CHAMPAGNEUR AVE OUTREMONT QUE	B ARCH 4 TA 3972
COHOS PHYLLIS PEARL MACDONALD COLLEGE 5449 ESPLANADE AVE MONTREAL QUE	TCH ELEM 1
COIT KATHERINE R V C 31 BREWSTER ST CAMBRIDGE 38 MASS U S A	B A 2 UN 0217
COKE JAMES EDWARD 305 STRATHEARN AVE MONTREAL WEST QUE ★17	B ENG EL 3 DE 9460
COLDWELL BLAKE B MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 4
COLDWELL KEITH L 4100 OLD ORCHARD AVE N D G MONTREAL QUE GASPEREAUX KINGS CO N S	M ENG 1 DE 5766
COLDWELL MARY JANE R V C 13 MAPLE ST WHITE ROCK B C	B SC 3 UN 0038
COLE LESLIE JOHN N MACDONALD COLLEGE CROSS ROADS JAMAICA B W I ★18	P SC AGR 4
COLEBROOK JAMES F 719 MELROSE AVE VERDUN QUE	B A 3 HE 5662
COLEMAN DENNIS C 3475 RIDGEWOOD AVE MONTREAL QUE	MD CM 3 EX 9744
COLEMAN JULIAN B DOUGLAS HALL E4 KINSTON APT KINSTON N C U S A	MD CM 3
COLEMAN RUTH C R V C BOX 100 NORTH HATLEY QUE	B F A 3 UN 0097
COLES HERBERT F MACDONALD COLLEGE RICHMOND QUE	AGR DIP 2

NAME ADDRESS	COURSE & YEAR TEL. NO.
COLES WILLIAM RUSSELL 3860 BARCLAY AVE APT 5 MONTREAL QUE	B ENG CI 5 EX 5441
COLIVAS GERALD 356 PINE AVE W APT 4 MONTREAL QUE	B ENG 2 PL 5710
COLIZZA VINCENT P FIELD HOUSE 225 GEORGE ST AMILTON ONT	P A 4 PL 3332
COLL DAVID CLARENCE 564 BIRCH AVE ST LAMBERT QUE	B ENG 1
COLLIER MARTIN D 64 ROSEMOUNT CRESCENT WESTMOUNT QUE	B ENG 2 FI 4252
COLLINS CAROL A R V C 1046 WENDELL AVE SCHENECTADY N Y U S A	B SC 1
COLLINS DAVID L 3647 UNIVERSITY ST MTL 7180 OAK ST VANCOUVER B C	MD CM 1 MA 2806
COLLINS ROY SAUNDERS 5510 AVONMORE AVE APT 8 N D G MONTREAL QUE	M PS SC 2
COLLINSON RUTH DENESE MACDONALD COLLEGE BOX 131 SEELEY S BAY ONT	P SC H EC 3
COLLVER DORIS EDNA MACDONALD COLLEGE 307 OAK AVE ST LAMBERT QUE	TCH KIND 1
COLMAN JOYCE G 4866 WILSON AVE N D G MONTREAL 29 QUE	B SC 3 WA 5976
COLPITTS STANLEY R MACDONALD COLLEGE SALISBURY N B	P SC AGR 4
COLPRON JEAN CLAUDE 3529 HUTCHISON ST MTL 5855 BANNANTYNE AVE VERDUN QUE	P A 3
COLTER JOHN SPARBY 3537 SHUTER ST APT 3 MONTREAL QUE	PH D 3 HA 0053
COLTON CHARLES MARTIN 1967 BAYLE ST APT 3 MONTREAL QUE	B COM 3 WE 3375
COMEAU JOSEPH ERIC METEGHAN DIGBY CO N S	B SC AGR 3
COMMON WILLIAM JOHN 584 LANSDOWNE AVE WESTMOUNT QUE	B C L 2 EL 0205
COMTOIS BERNARD PAUL 5580 PHILLIPS AVE MTL 273 ELM ST WEST SUDBURY ONT	MED DIPL 1 AT 9669
COMTOIS ROMUALD D 1205 MACKAY ST APT 3 MTL 155 MAIN ST EAST HAWKESBURY ONT	B SC 4 HA 5002
CONGER NANCY LOUISE MACDONALD COLLEGE 253 MCLEOD ST OTTAWA ONT	P SC H EC 2
CONN JOHN JASPAR JR 483 ELM AVE WESTMOUNT 2809 WEST 33RD AVE VANCOUVER B C	PH D 3 WE 6418

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CONNA SHERRILL A 4201 DE BULLION ST MTL 472 HAWTHORNE AVE YONKERS 5 N Y U S A	B SC 1 PE 7160
CONNOLLY ANNE STUART 695 GROSVENOR AVE WESTMOUNT QUE	B A 2 EL 4500
CONRAD JAMES RALPH 5360 EARNSCLIFFE AVE N D G MONTREAL QUE	B ENG CH 5 EL 2183
CONRAD SHIPLEY ANNE 5360 EARNSCLIFFE AVE MONTREAL 29 QUE	B SC 2
CONRATH JOSEPH JOHN MACDONALD COLLEGE 765 43RD AVE LACHINE QUE	M ENG 2
CONROY MARGARET ANN 31 HOLTON AVE WESTMOUNT QUE	B A 4 WE 5162
CONSIDINE MARGARET 2950 MAPLEWOOD AVE MONTREAL QUE	B SC 1 EX 5171
CONSTANT LOLA 4955 ISABELLA AVE MONTREAL QUE	B A 4 AT 3693
CONSTANT MIRIAM 4955 ISABELLA AVE MONTREAL QUE	B A 4 AT 3693
CONSTANTINE EDITH 2020 BARCLAY AVE MONTREAL 8 QUE	B A 2 AT 9154
CONSTANTINE JAY W 3660 LORNE CRESCENT AVE MONTREAL QUE 600 WEST 183RD ST NEW YORK CITY 33 N Y	B SC 4
CONWAY ALFRED DENIS 4878 WILSON AVE MONTREAL QUE	B ARCH 6 EL 4123
COOK ANTHONY IRVINE 3360 RIDGEWOOD AVE MONTREAL QUE	B ENG CI 4 AT 6505
COOK JOHN FRANCIS 3431 DRUMMOND ST MTL 3620 NEW HAMPSHIRE AVE WASHINGTON D C U S A	B F A 2 PL 3616
COOK PAMELA OLWEN 4852 WILSON AVE N D G MONTREAL QUE	B A 4 DE 0377
COOK WILLIAM RAYMOND 66 PAGNUELO AVE OUTREMONT QUE	B COM 3 TA 5305
COOKE JOHN DOUGLAS 694 SEATTY AVE VERDUN QUE	B SC P E 3 TR 2317
COOKE JOHN WILLIAM 3581 HUTCHISON ST MONTREAL QUE	B ARCH 4 HA 5807
COOKSON DOROTHY MARY 4583 PARTHENAIS ST MONTREAL QUE	B SC 2 CH 6821
COOPER BERNARD ARRON 32 SPRINGFIELD AVE WESTMOUNT QUE	MD CM 2 EL 1579
COOPER CELIA BLUMA 32 SPRINGFIELD AVE WESTMOUNT QUE	B A 1 EL 1579
COOPER GERALD ERNEST 1034 SHERBROOKE ST W MONTREAL 2 QUE	M SC 2 MA 9094
COOPER IAN GEORGE W 223 METCALFE ST MTL WOODFIELD NORTHWOOD MIDDLESEX ENGLAND	B COM 1
COOPER STANLEY ROBERT 3502 UNIVERSITY ST 170 COUSINEAU ST VALLEYFIELD QUE	B ENG CI 5 PL 2435
COPNICK ALLEN GERALD 3805 CARLTON AVE MONTREAL QUE	B COM 2 AT 3511
CORBEIL NANCY CLAIRE R V C 93 MURRAY AVE QUEBEC CITY QUE	B A 4
CORBETT ANNE E MACDONALD COLLEGE 4884 GROSVENOR AVE N D G MONTREAL QUE	TCH ELEM 1
CORBETT BARBARA JOAN MACDONALD COLLEGE 4884 GROSVENOR AVE MONTREAL 6 QUE	TCH ELEM 1
CORBETT DAVID C 218 REDFERN AVE APT 12A MONTREAL QUE R R NO 4 MAGOG QUE	PH D 2
CORBETT WENDELL O MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 1
CORCORAN DORIS JEAN EATONIA SASKATCHEWAN	GR N CERT 1
CORDERO OLMAN 258 SHERBROOKE ST W MTL HEREDIA COSTA RICA	B ENG CI 5 PE 7102
CORENBLUM DELORES R V C 1232 8TH AVE SOUTH LETHBRIDGE ALTA	B A 2 UN 0097
COREY BEVERLEY E MACDONALD COLLEGE BEDFORD QUE	TCH ELEM 1
COREY EARL EDWARD C 4610 WALKLEY AVE APT 7 N D G MONTREAL QUE	M A 2
COREY JOHN 1648 ST DOMINIQUE ST MONTREAL QUE	B ENG CI 5
COREY JOHN STUART 3421 DRUMMOND ST MTL PETITCODIAC WEST CO NEW BRUNSWICK	B COM 4 LA 0950
CORISH MARY J 206 MERTON AVE ST LAMBERT QUE	L MUS 3
CORLEY NORA TERESA 703 ROSLYN AVE WESTMOUNT QUE	B A 4 EL 6766
CORN HARVEY ALLEN 5347 BRODEUR AVE MONTREAL 28 QUE	B A 2 ES 5679
CORNEILLE JEAN L 284 5TH AVE VERDUN QUE	M ENG 1 YO 2840
CORNER JOAN MARION 4250 SHERBROOKE ST W APT 14 WESTMOUNT QUE	B SC P E 3 WE 2955
CORRIGAN ALBERT LEO 258 SHERBROOKE ST W MTL 38 HILL ST BILLINGS BRIDGE OTTAWA ONT	P ENG CI 5 BE 7102
CORRIVEAU VINCENT P 2044 METCALFE ST MTL MALARTIC C P 596 ABITIBI QUE	B ENG CI 5

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NAME ADDRESS	COURSE & YEAR TEL. NO.
COSFORD EDWIN JOSEPH 3940 COTE DES NEIGES RD MONTREAL QUE	B C L 2 FI 9504
COSLETT GEORGE A 3541 SHUTER ST MTL 600 S MARKS ST FORT WILLIAM ONT	B ENG MCH 5 MA 9504
COSSETTE JEAN W 18 LORNE AVE ST LAMBERT QUE	B ENG MCH 4
COSSETTE VICTOR 4288 CHRISTOPHE COLOMB MONTREAL QUE	B ENG 1 HO 2182
COSTELLO JOHN EARL 843 OUTREMONT AVE OUTREMONT QUE	B COM 4 CA 1549
COSTELLO STEPHEN D 3288 ST ANTOINE ST MONTREAL QUE	MD CM 1 WI 4387
COTE JOSEPH ARTHUR 4007 DES ERABLES ST MONTREAL QUE	B ENG EL 5
COTTER GERARD EDWARD 375 OLIVIER AVE WESTMOUNT QUE	B ENG MCH 5 WI 4710
COTTER MARJORIE ETHEL MACDONALD COLLEGE 726 PARKDALE AVE OTTAWA ONT	B SC H EC 3
COTTINGHAM WALTER S 26 RICHELIEU PLACE MONTREAL 25 QUE	B C L 1 PL 6665
COUGHLAN IAN LOUIS 13 HINTON AVE MONTREAL EAST 5 QUE	B SC 3
COULL JOAN LORNA MACDONALD COLLEGE NEW CARLISLE QUEBEC	TCH KIND 1
COULSON FREDERICK B MACDONALD COLLEGE LA GABELLE QUE	B SC AGR 2
COUPAL J GERMAIN 2048 METCALFE AVE MTL 483 KING ST W SHERBROOKE QUE	B ENG 2 UN 2773
COUPLAND DOUGLAS C T DOUGLAS HALL 142 JULIANA RD ROCKCLIFFE PARK ONT	D D S 3 BE 1656
COUPLAND JAMES G DOUGLAS HALL 142 JULIANA RD ROCKLIFFE OTTAWA ONT	D D S 2
COUREY NORMAN GEORGE BOX 279 FARNHAM QUE	B SC 4
COUROPOULOS ANNA 550 CLAREMONT AVE WESTMOUNT QUE	B A 1 EL 4788
COURRECH GEERTRUIDA 102 COLUMBIA AVE WESTMOUNT QUE	PARTIAL 0 WE 7764
COURSER WILLIAM E MACDONALD COLLEGE 501 PINE AVE W MONTREAL 18 QUE	B SC AGR 1
COURT JOYCE CAROLYN MACDONALD COLLEGE 40 49TH AVE LACHINE QUE	TCH ELEM 1
COURTEAU J GUY 3877 VAN HORNE AVE MONTREAL QUE	B C L 2 AT 4595
COURTIS SHIRLEY 1808 DUNKIRK RD TOWN OF MOUNT ROYAL QUE	B A 4 EX 4626
COUSINEAU GUY DAMASE 8134 ST DOMINIQUE ST MONTREAL QUE	B COM 4 DU 6236
COUSINEAU GEORGES A 142 STE ANNE ST STE ANNE DE BELLEVUE QUE	P ENG CH 3
COUSINS LEO LESTER 3515 DUROCHER ST MONTREAL QUE	B ENG 1
COUTU JOAN PAULINE A R V C C O CRESCENT AMUSEMENTS TEMISKAMING QUE	B SC P E 1 UN 0051
COUTURE BENOIT E 5723 DRAKE ST MTL 65 SMITH ST THETFORD MINES QUE	B COM 2
COUTURE WALTER HENRY 610 PRENDERGAST AVE JAMES TOWN N Y	MD CM 1
COVIENSKY SEYMOUR 944 DAVAAR AVE APT 4 OUTREMONT QUE	B COM 1 DO 1991
COWAN DONALD BLAIR 225 MELEVILLE AVE APT 10 MONTREAL QUE DARLINGFORD MAN	B SC 3
COWAN WAVELL FRED 173 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B ENG 2 AT 3937
COWLEY GEORGE THEOLOGICAL COLLEGE 404 LAURIER ST E OTTAWA ONT	B A 4 LA 0643
COWLING ELIZABETH A 1 BELFRAGE RD WESTMOUNT QUE	B A 2 EL 6668
COWPER MARY BETH 14 ST GEORGES PLACE WESTMOUNT QUE HUDSON QUE	B A 3 EL 4958
COX DAVID STRONG 4900 SHERBROOKE ST W WESTMOUNT QUE	B COM 1 DE 2151
COX GEOFFREY MICHAEL MACDONALD COLLEGE 45 FITZJAMES AVE CROYDON SURREY ENG	AGR DIP 1
COX LORNE WILLIAM 7430 MOUNT AVE MONTREAL 16 QUE	B COM 2 EX 3332
COX MARIE SIMONE G R V C HAVRE ST PIERRE QUEBEC	B A 3
COX PHOEBE LEAVITT 3430 MCTAVISH ST APT 202 MONTREAL QUE 12 MONTGOMERY AVE HOLYOKE MASS U S A	PH D 4 HA 7093
COX RICHARD EDWARD G 3647 UNIVERSITY ST MTL C O FRASER BRACA ENG CO HAVRA ST PIERRE QUE	B ENG AM 5 MA 2804
CRAIG ALVIN ANDREW 3419 DRUMMOND ST MTL FOLEYET ONT	B SC 2 LA 2695
CRAIG CHARLES ROBERT MACDONALD COLLEGE 7 ROCKLIFFE WAY OTTAWA ONT	B SC AGR 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CRAIG WOODHAM T HUDSON HEIGHTS QUE	B A 3
CRAIN GEOFFREY R 475 PINE AVE W MTL 544 PICCADILLY AVE OTTAWA ONT	B ENG CI 3 PL 3332
CRAM EBEN JOHN 85 7TH AVE VILLE LA SALLE QUE	B SC 2 TR 2912
CRAN CLARE ELISE 636 CLARKE AVENUE WESTMOUNT QUE	B SC P E 2 WE 8268
CRANSTON THOMAS R 3647 UNIVERSITY ST MTL 3120 RETALLACK ST REGINA SASK	MD CM 2 MA 2806
CRANSTOUN GERALD B 2823 MAPLEWOOD AVE APT 3 OUTREMONT QUE	D D S 4 EX 8283
CRAWFORD CHARLES B 3441 PEEL ST MTL 301 CLARIDGE APTS 1 CLARENDON AVE TORONTO ONT	B ENG CH 4 BE 7017
CRAWFORD EDITH MAUDE MACDONALD COLLEGE 76 MONTREAL ST SHERBROOKE QUE	B SC H EC 3
CRAWFORD EDWARD W 191 8TH AVE VILLE LA SALLE QUE ROMEO MICHIGAN U S A	MD CM 3
CRAWFORD JEAN MARTHA R V C 43 WAVERLEY RD POINT CLAIRE QUE	PHYSIOTH 1 UN 0107
CRAWFORD JUDITH R V C 1 CLARENDON AVE TORONTO ONT	B SC 3 UN 0138
CRAYMER WILLIAM J PRESBYTERIAN COLLEGE BOX 273 BRACEBRIDGE ONT	MD CM 1 BE 0424
CREAGHAN FRANCIS A 19 RENFREW AVE WESTMOUNT QUE	B COM 3 DE 0321
CREAGHAN THOMAS W 1442 STANLEY ST APT 3 MONTREAL QUE P O BOX 300 NEWCASTLE N B	B ENG CI 4
CREAK ELIZABETH R V C HILL HOUSE HAMPTON LUCY WARWICK ENG	B COM 2 UN 0158
CREAM ROBERT JOHN 419 PRINCE ARTHUR ST MTL 17 LEMESURIER AVE QUEBEC CITY QUEBEC	B ENG CH 4 HA 1088
CREASOR JOHN BURRITT 4724 VICTORIA AVE MONTREAL 6 QUE	B COM 4 WA 6582
CREIGHTON DENTON D 39 BAVAT RD MONTREAL QUE	B COM 4 FI 5189
CREIGHTON PHYLLIS 77 UNION BLVD ST LAMBERT MTL QUE 8 NORTH MAIN ST FLEMINGTON N J U S A	M A 3
CRELINSTEN RHODA E 4387 OLD ORCHARD AVE N D G MONTREAL QUE	B A 1 EL 0671

NAME ADDRESS	COURSE & YEAR TEL. NO.
CRESTOHL HARVEY 1755 DUCHARME AVE OUTREMONT QUE	B A 2 AT 5431
CROBER LYALL GORDON MACDONALD COLLEGE MORRISBURG ONT	B SC AGR 3
CROLL MARY JOAN 241 LAZARD AVE TOWN OF MOUNT ROYAL QUE	B SC P E 4 AT 7942
CROMARTY RAYMOND 247 MONTREAL EAST BLVD MONTREAL EAST QUE	MD CM 2
CROMDIE ANN G 759 UPPER LANSDOWNE AVE WESTMOUNT QUE	B SC P E 2 EL 3107
CROMBIE DAVID DEREK 759 LANSDOWNE AVE WESTMOUNT QUE	B SC 4 EL 3107
CROMBIE MICHAEL HUGH 759 LANSDOWNE AVE WESTMOUNT QUE	B COM 1 EL 3107
CRONIN ROBERT FRANCIS 3517 HUTCHISON ST MTL LAMBERT RD NEW CANAAN CONN U S A	MD CM 2 PL 6905
CRONYN MARGARET C 784 UPPER BELMONT AVE WESTMOUNT QUE	PHYSIOTH 1 EL 9181
CROSIER REBECCA B 2060 SHERBROOKE ST W MONTREAL QUE BOX 31 RANDOLPH VERMONT U S A	B A 1 FI 2537
CROSS ALEXANDER G 434 CLARKE AVE WESTMOUNT QUE	B COM 2 FI 2547
CROSS JEAN DOUGLAS 3511 ONTARIO AVE MONTREAL QUE	PARTIAL 0 HA 6144
CROSS JOHN PATRICK 1466 MACKAY APT 3 MTL 31 SWEETLAND AVE OTTAWA ONT	MD CM 3 FI 2572
CROSS KEVIN JAMES 1466 MACKAY ST APT 3 MTL 31 SWEETLAND AVE OTTAWA ONT	B ARCH 3
CROSSON PAUL RYERSON 3600 UNIVERSITY ST MTL READLYN SASK	D D S 4 LA 6307
CROWELL AUDREY JEAN 3230 LOUIS VEUILLOT ST MONTREAL QUE	L MUS 2 TU 7867
CROWELL CLARENCE R 3230 LOUIS VEUILLOT ST MONTREAL QUE	PH D 2 TU 7867
CROWELL DOUGLAS ETHAN 3230 LOUIS VEUILLOT ST MONTREAL 5 QUE	B A 2 TU 7867
CROWLEY ANNE ELEANORE 3480 ONTARIO AVE MTL BOX 278 ELIZABETHTOWN NEW YORK U S A	B S W 1 PL 0044
CROWLEY FRANCIS A 3022 ST ANTOINE ST MONTREAL QUE	D D S 4 WE 6362
CRUICKSHANK OLIVE 3577 PEEL ST MTL 3930 FIELD AVE DETROIT MICH U S A	GR N CERT 1 HA 8790
CRYSDALE JOHN HENRY 4933 WESTERN AVE MTL 58 WILLARD AVE OTTAWA ONT	M SC 1 EL 3650

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NAME ADDRESS	COURSE & YEAR TEL. NO.
CRYSTAL JOHN 5470 HUTCHISON ST APT 8 MONTREAL QUE	B C L 2 CR 8618
CUEVAS AURA ANN 3514 MARCIL AVE N D G MONTREAL QUE	B A 1 DE 3403
CUEVAS HUGO 2057 MCGILL COLLEGE AVE MONTREAL QUE APARTADO AEREO 1254 CALI COLOMBIA S A	B ENG CI 3
CUEVAS MIREYA R V C APARTADO AEREO 1254 CALI COLOMBIA S A	B A 2 UN 0010
CULEN ELENA EVA 4077 HENRI JULIEN MONTREAL QUE	B A 2 BE 6227
CULLEN LEO COMRA 4971 SHERBROOKE ST W APT 1 MONTREAL QUE R R 1 ROYAL OAK VICTORIA B C	B A 4 EL 0411
CUDMORE DAVID PAUL 3485 MCTAVISH ST MTL 113 NORTH RIVER RD CHARLOTTETOWN P E I	L MUS 1 BE 0424
CUMYN ANNE HEATHER 1566 PINE AVE W MONTREAL QUE	PARTIAL 0 FI 3487
CUMMINGS GREGORY T MACDONALD COLLEGE LINGAN CAPE BRETON N S	B SC AGR 3
CUNNINGHAM BARBARA 480 MOUNTAIN AVE WESTMOUNT QUE	B A 2 WI 4648
CUNNINGHAM BRUCE H 2158 ADDINGTON AVE MONTREAL 28 QUE	B SC 3 DE 2935
CUNNINGHAM JEAN L R V C 789 BRONSON AVE OTTAWA ONT	PHYSIOTH 3 UN 0107
CUNNINGHAM JOHN M 480A MELROSE AVE N D G MONTREAL QUE	B COM 2 EL 6154
CUNNINGHAM MARGARET MCLENNAN HALL 862 BRUNSWICK ST FREDERICTON N B	M A 1 PL 0044
CUNNINGHAM ROBERTA J 3426 STANLEY ST MTL 2708 ADANAC ST VANCOUVER B C	B N 2 BE 0360
CUNNINGHAM WILLIAM J 246 ELM AVE WESTMOUNT P O BOX 384 BOLIVAR PENNSYLVANIA U S A	PARTIAL 0 FI 0927
CUPPLES JAMES F B 1821A LINCOLN AVE MTL 2833 DUFFERIN AVE VICTORIA B C	MD CM 4
CURETON EDWARD ALLAN DOUGLAS HALL 47 SANDBROOK RD AINSDALE SOUTHPORT ENG	B A 4 UN 0018
CURL ALPHA DELMOUR 2153 ST CATHERINE ST E MONTREAL 24 QUE	B ENG CH 5 FR 6850
CURLEY JOHN HENRY 905 PRATT AVE OUTREMONT QUE	B A 3 EX 1523
CURLING DAVID HARRY PRESBYTERIAN COLLEGE 151 GLOUCESTER ST OTTAWA ONT	B ENG MCH 4 BE 0424
CUROTTE BEATRICE 2501 WALKLEY AVE N D G MONTREAL QUE	M A 1 WA 3210
CURRIE DONALD FENN 464A MARCIL AVE N D G MONTREAL QUE	B ENG MCH 4 EL 2901
CURRIE DONALD JOHN MTL GENERAL HOSPITAL 122 ALEXANDRA BLVD TORONTO 12 ONT	MED DIPL 3 PL 7751
CURRIE DONALD WILLIAM 3534 MOUNTAIN ST APT 4 MONTREAL QUE	M A 1 HA 0436
CURRIE FRANCES L 3 ROXBOROUGH AVE WESTMOUNT QUE	B A 4 EL 5636
CURRIE GEORGE N M 3 ROXBOROUGH AVE WESTMOUNT 6 QUE	B ENG MCH 5 EL 5636
CURRIE JANE F 3400 RIDGEWOOD AVE APT 36 MONTREAL 26 QUE	B SC P E 3 AT 0614
CURRIE MARY ANNE 3 ROXBOROUGH AVE WESTMOUNT QUE	B A 2 EL 5636
CURRIE ROBERT ALBERT 2097 ST LUKE ST APT 3 MONTREAL QUE	M A 2 WI 6030
CURRIER JAMES WILSON MACDONALD COLLEGE R R 2 BILLINGS BRIDGE ONT	B SC AGR 3
CURTIS CAROLYN E R V C 307 KING ST W KINGSTON ONT	B COM 1
CURTIS GEORGE B THEOLOGICAL COLLEGE 44 CRAIGMILLER AVE ST JOHNS NFLD	D D S 2
CURTIS GERALD MICHAEL 71 DESAULNIERS BLVD ST LAMBERT QUE	B COM 1
CURTIS SUZANNE LESLIE R V C 28 CRAIG MILLAR AVE ST JOHN S NFLD	B A 2 UN 0088
CUTCLIFFE JACK A MACDONALD COLLEGE FREDERICTON P E I	B SC AGR 3
CUTLER MARLENE R 6362 MCLYNN AVE MONTREAL QUE	B SC 2 EX 6083
CUTLER PERSIS ANN MACDONALD COLLEGE KERR ADDISON GOLD MINE VIRGINIATOWN ONT	B SC H EC 2
CUTTLE DOROTHY JOAN 54 FINCHLEY RD HAMPSTEAD QUE	B SC 3 WA 5237
CYNBERG ROZA D V A HOSPITAL ANNEX SENNEVILLE QUE	B A 3
CYR BRUNO 4830 COTE ST CATHERINE APT 1 MONTREAL QUE	B C L 1 EX 6273
CYR JEAN GUY 546 CHERRIER ST MTL 96 FRECHETTE AVE PLAGE LAVAL QUE	B COM 3 HA 4473

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NAME ADDRESS	COURSE & YEAR TEL. NO.
D	
DADE TIMOTHY MORKPLI 2070 MANSFIELD ST MTL P O BOX 24 DODI PAPASE VIA KADJEBI GOLD COAST BRITISH WEST AFRICA	B A 2 MA 0217
DACCORD JACQUES E 5242 GLOBERT AVE MONTREAL 29 QUE	B ENG CI 3 WA 1531
DA COSTA CARMEL D R V C 8 10 SLIPE RD CROSS RDS ST ANDREW JAMAICA B W I	B SC 1
DA COSTA TREVOR E B MACDONALD COLLEGE 18 RETIREMENT CRESCENT CROSS ROADS P O JAMAICA B W I	B SC AGR 2
DALE ALBERT DOUGLAS 69 WICKSTEED AVE TOWN OF MT ROYAL QUE	MD CM 2 AT 9096
DALE DOROTHY MARY 1205 DRUMMOND ST APT 6 MONTREAL QUE ALEXANDRIA ONT	L MUS 2 BE 9281
DALEY BARBARA ANNE MACDONALD COLLEGE CLARKSON ONT	B SC AGR 1
D ALLAIRE CLAUDE L W 6724 DUMAS ST MONTREAL QUE	B A 2 TR 4865
D ALLEMAGNE ANDRE L 885 LAIRD BLVD MONTREAL QUE	B COM 3 AT 4015
DALMA PEDRO LUIS 2055 MANSFIELD ST APT 15 MONTREAL 2 QUE APARTADO 1410 MEXICO D F MEXICO	B ENG CH 3 LA 3471
D ALMADA REMEDIOS A H DOUGLAS HALL 6 PEACE AVENUE HONGKONG	MD CM 2 UN 0028
DALPHY LAWRENCE ROSS 8034 BIRNAM AVE MONTREAL 15 QUE	B ENG 1 DO 2887
DALRYMPLE WILLIAM R 412 ROSLYN AVE WESTMOUNT QUE	B ENG 2 WA 2027
DAMECOUR CHARLES 180 JEAN TALON ST E MONTREAL QUE	M ENG 2 CR 2098
D AMOUR JEAN PAUL 366 MILTON ST MTL TROIS PISTOLES QUE	B SC 1 MA 6735
D ANDRADE MANUEL J 1440 CRESCENT ST MTL 88 LALUNI ST GEORGETOWN 6 B GUIANA	B ENG CH 4 PL 0007
DANIEL BRUCE H 4974 CONNAUGHT AVE MONTREAL QUE	B SC 4 WA 4181
DANZIGER ROBERT 5235 COTE ST LUC RD MONTREAL 28 QUE	B A 1 DE 4304
DAOUST EMILE 6418 CHRISTOPHE COLUMB MONTREAL QUE	B ENG 1 CR 6597
DARABANER SORYL B 5101 LACOMBE AVE MONTREAL QUE	B SC 4 EX 3017
DARBY FAITH ELIZABETH R V C 96 FRESHWATER RD ST JOHN S NFLD	B A 1
DARBY MERLE INA CAROL R V C 49 CHURCH ST JAMAICA B W I	B SC 1
DARLING DONALD F 1935 TUPPER ST MTL 3 NORTH ST MONTPELIER VERMONT U S A	B SC 2 FI 4927
DARLINGTON WALTER A 2112 CLAREMONT AVE APT 9 MONTREAL QUE	PH D 2 DE 5980
DARLING JOAN AGNES 116 EASTON AVE MONTREAL WEST QUE	A & S COM 1 EL 5524
DARLINGTON WILLIAM D 2330 OXFORD AVE APT 31 N D G MONTREAL QUE	B SC 1 DE 2940
DA SYLVA NORMAND P 5136 7TH AVE MONTREAL 36 QUE	MD CM 1 CH 5383
DAVIDGE DOROTHY ROSE MCLENNAN HALL 11 OGILVIE ST DUNDAS ONT	B S W 1
DAVIDSON JOHN WILMUR DIOCESAN COLLEGE R R 3 SOUTH DURHAM QUE	B A 1
DAVIDSON JOSEPH A P 2156 AMHERST ST MTL VAL MORIN TERREBONNE CO QUE	B ENG 1 FR 3520
DAVIDSON OLIVE M A R V C FAIRWAY MONTEGO BAY JAMAICA B W I	B COM 3 UN 0168
DAVIDSON WILLARD C MACDONALD COLLEGE 145 ARLINGTON AVE OTTAWA ONT	B SC AGR 3
DAVIE THOMAS F 2057 VICTORIA ST MTL 1410 BELLEVUE AVE SYRACOSE NEW YORK U S A	B SC 3 BE 0056
DAVIES ADELYN MARY R V C 2234 VICTORIA AVE WINDSOR ONT	PHYSIOTH 1 UN 0107
DAVIES ALAN T 72 STRATFORD RD HAMPSTEAD QUE	B A 1 EL 6355
DAVIES EDITH CAROL R V C 2259 WINDERMERE RD WINDSOR ONT	B SC 2 UN 0198
DAVIES JOHN ISLWYN 3830 LACOMBE AVE MONTREAL QUE	MED DIPL 1 AT 4711
DAVIS ALFRED HENRY 1781 WOODLAND AVE MONTREAL QUE	B ENG MCH 4 TR 5233
DAVIS ARMONDE C 3793 GREY AVE N D G MONTREAL QUE	L MUS 1 DE 9884
DAVIS BERNARD ALLAM 4968 DORNAL AVE MONTREAL QUE	MD CM 2 EX 1805

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DAVIS CECILIA JOAN 1463 BISHOP ST APT C1 MONTREAL QUE	B A 2 HA 4970
DAVIS DIANA ELIZABETH R V C 725 ACACIA AVE ROCKCLIFFE OTTAWA ONT	B A 1
DAVIS EDWARD 5382 GROVE HILL PLACE N D G MONTREAL QUE	B A 4 DE 0932
DAVIS FRANK LESLIE 5109 WESTERN AVE N D G MONTREAL QUE	B ENG 1 DE 8578
DAVIS GORDON RICHARD 2999 SOISSONS AVE MONTREAL 26 QUE	PH D 3
DAVIS MARTIN ARNOLD 5553 QUEEN MARY RD MONTREAL QUE	B SC 4 EL 7652
DAVIS MARY TAYLOR 198 BEACONSFIELD CT BEACONSFIELD QUE	B SC P E 1
DAVIS NORMAN ROBERT 633 VICTORIA AVE WESTMOUNT QUE	B COM 3 WA 4224
DAVIS RHODA MACDONALD COLLEGE 5569 WOODBURY AVE MONTREAL QUE	TCH ELEM 1
DAWSON ARTHUR D 14 BELLEVUE AVE WESTMOUNT QUE	★19 B SC 3 DE 5323
DAVIS WALLACE STUART 86 DAKIN ST LONDON ONT	B ENG 2
DAWE JANET CHRISTINE R V C WATERFORD BRIDGE RD ST JOHN S NFLD	B COM 1
DAWSON BARBARA ANNE 78 SOMERVILLE AVE WESTMOUNT QUE	B SC P E 4 DE 6133
DAWSON ELIZABETH S R V C 79 WELLINGTON ST S SHERBROOKE QUE	PARTIAL 0 UN 0127
DAWSON GEORGE F PRESBYTERIAN COLLEGE 79 WELLINGTON ST SHERBROOKE QUE	B COM 1
DAWSON JAMES WALKER 7350 CHURCHILL RD MONTREAL QUE	B A 2 EX 3735
DAWSON WENDY E 4326 SHERBROOKE ST W WESTMOUNT QUE	PHYSIOTH 3 FI 7993
DEACON WILLIAM MACDONALD COLLEGE 66 PARKHURST BLVD TORONTO 17 ONT	L MUS 3
DEAN EDWARD GEORGE 56 CHAPLIN CRESCENT TORONTO 12 ONT	B ENG 1
DEAN RICHARD EARL MACDONALD COLLEGE PHILPSBURG QUE	B SC AGR 4
DEAN WILLIAM GEORGE 3820 COTE ST CATHERINE MONTREAL QUE 12 MACKENZIE AVE TORONTO 5 ONT	PH D 2
DEAVITT RUTH EVELINE MACDONALD COLLEGE 141 RENFREW ST PEMBROKE ONT	B SC AGR 2

NAME ADDRESS	COURSE & YEAR TEL. NO.
DE BELLE JOHN C 6 GRANVILLE RD HAMPSTEAD QUE	B SC 1
DE BELLAIQUE ERIC 463 MOUNT STEPHEN AVE WESTMOUNT QUE 140 EAST 40TH ST NEW YORK CITY N Y U S A	B A 2 DE 0310
DE BERRY ROBERT B 441 MAYOR ST MONTREAL QUE	B COM 3 LA 7535
DEBLY JOHN PETER 4560 RIDGEVALE AVE MTL 1736 9TH AVENUE SAN FRANCISCO CALIF	MED DIPL 3 EX 4565
DE BOO DIANE F R V C 45 COLDSTREAM ST TORONTO ONT	B A 1
DE COTRET RENE LOUIS 212 ST CHARLES ST MARIEVILLE QUE	B ENG CI 5
DEEGAN FRANK JOSEPH 83 UPPER EDISON AVE ST LAMBERT QUE	B ENG 1
DEELEY DOROTHY JEAN R V C 101 COULSTON AVE ASBESTOS QUE	B A 4 UN 0148
DEFENT PETER 1441 DRUMMOND ST MTL BOX 153 BEACHVILLE ONT	B ENG MCH 4 MA 4171
DE FOREST CLAUDE P 1400 DECARIE BLVD APT 10 VILLE ST LAURENT	B ENG 2 BY 7305
DE FRANCIS FELIX 11146 LAMOUREUX ST MONTREAL NORTH QUE	B ENG CI 5
DEFRIES KYRA 3535 CARLETON RD MONTREAL QUE	B SC 2 PL 5980
DE GAST ADRIAN ANTON 5095 HAMPTON AVE MTL 370 CHRISTINA ST S SARNIA ONT	B ENG MI 5 EL 6328
DEITCH MAXWELL J 2065 MAPLEWOOD AVE APT 7 MONTREAL QUE	B ENG EL 5 AT 2245
DEITCHER SAMUEL 1660 VAN HORNE AVE OUTREMONT QUE	B A 4 GR 4658
DE IVRE GIOVANNI 6968 HUTCHISON ST MONTREAL QUE	B A 2
DEKABAN ANATOLE S 3801 UNIVERSITY ST MONTREAL QUE	M SC 1 PL 1251
DE LAET CHRISTIAN H 768 SHERBROOKE ST W APT 8 MONTREAL QUE 23 RUE AUGUSTIN DELPORTE BRUSSELS BELGIUM	B ENG MCH 4 HA 5839
DELAMATER KENNETH E 1415 BELANGER ST APT 6 MONTREAL 35 QUE	PARTIAL 0
DELAND ANDRE NORMAND 262 LAURIER ST ST JOHNS QUE	B SC 4
DELANEY JOSEPH A 8566 CHAMPAGNEUR AVE MONTREAL QUE	B ENG CH 5 CA 2600
DEL CAMPO RAMIRO M 258 SHERBROOKE ST W MTL TAINE 731 COL BOSQUE DE CHAPULTEPEC MEXICO D F MEXICO	B ENG CH 5

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DELICAET PAUL JOHN 4620 PATRICIA AVE N D G MONTREAL QUE	B ENG MCH 5 DE 0998
DELISLE YVON DONALD J 6059 HADLEY ST VILLE EMARD QUE	B ENG 1 FI 3894
DELORY JOHN HODGSON 1566 CLEMENCEAU AVE VERDUN QUE GEORGETOWN P E I	B ENG EL 5 TR 5816
DE MARCOS EARL CECIL 3561 HUTCHISON MTL 2004 HAMILTON ST NEW WESTMINSTER B C	MD CM 1 LA 0564
DEMARQUE PIERRE R M 190 EDWARD LAURIN BLVD VILLE ST LAURENT QUE	B SC 2 BY 4921
DEMERS PIERRE 10772 ST DENIS ST MONTREAL 12 QUE	B ENG EL 4 DU 4647
DEMERSON GEORGE ALEX 3541 JEANNE MANCE ST MTL 157 GERMAIN ST SAINT JOHN N B	B SC 1
DEMETELIN CHRISTOPHER 944 CATHEDRAL ST MONTREAL 3 QUE	B SC 4 UN 5128
DEMPSTER CECIL JOHN 3426 STANLEY ST MTL HULTON P O ST VITAL MAN	PH D 3 BE 0360
DENEAULT JOSEPH C M 7868 ST DENIS ST MONTREAL QUE	B ENG 1 DO 3679
DENMAN LEONARD ALLAN 788 WILDER AVE OUTREMONT QUE	B ENG 2 AT 3073
DENMAN NORRIS SYDNEY 708 COTE ST CATHERINE RD OUTREMONT QUE	B SC 3 AT 1736
DENNETT MILFORD H 3647 UNIVERSITY ST MONTREAL QUE	B SC 4 MA 2806
DENNIS DONALD ALBERT 3743 HUTCHISON ST APT 2 MONTREAL QUE	M SC 1 MA 5132
DENNIS JOHN WILLIAM 495 PRINCE ARTHUR ST APT 8 MONTREAL QUE 444 4TH ST MEDICINE HAT ALTA	MED DIPL 1
DE NORA YOLANDA A 6594 DELORMIER AVE MONTREAL QUE	B SC 1 CA 5348
DENOVAN WILLIAM G 840 MCEACHRAN AVE OUTREMONT QUE	D D S 4 CR 4401
DENSON RAYMOND 4609 PARK AVE MTL 490 CHORLEY OLD RD BOLTON LANCASHIRE ENG	B SC 3
DENTON DAPHNE F S 4870 COTE DES NEIGES RD MONTREAL QUE	MD CM 2 EX 3805
DENTON GEORGE DOUGLAS 487 MILTON STREET MONTREAL 2 QUE	MED DIPL 4 LA 5891
DE PAYREBRUNE LUDWIK 3501 LORNE AVE MTL SZAMOTULY POLAND	B ENG MCH 3
DE PETER ANTHONY 1468 DORCHESTER AVE W MONTREAL QUE 321 W DOMINICK ST ROME NEW YORK U S A	B SC 1
DE SAINTE MARIE HENRY 119 1ST ST IBERVILLE QUE	B C L 2
DESAULNIERS JACQUES 554 DAVAAR AVE OUTREMONT QUE	B ENG 2 CA 7531
DESAULNIERS ROGER 1514 CRESCENT ST MTL HOTEL DE LA SALLE GRAND MERE QUE	B COM 1 MA 7457
DESAUTELS HERMAS F 3710 JEANNE MANCE ST MONTREAL 2 QUE	B ARCH 6 HA 7602
DESAUTELS JOSEPH AIME 52A RUE LEGRAND LAVAL DES RAPIDES QUE	B ARCH 6
DES BRISAY WILLIAM M DOUGLAS HALL 1208 WEST 47TH AVE VANCOUVER B C	MD CM 2
DESCHAMPS ESTELLE M T 156 MAPLEWOOD AVE OUTREMONT QUE	B A 4 CA 5315
DESCHAMPS CLAIRE M 156 MAPLEWOOD AVE OUTREMONT QUE	B A 4 CA 5315
DESHAIES JOSEPH A W 6874 AVE DES MONTS MONTREAL 20 QUE	B A 3 TR 2615
DE SHIELD ROY M 4620 BARCLAY AVE APT 8 MONTREAL QUE 61 ELLIOTT ST E WINDSOR ONT	B SC 3
DESJARDINS HENRY 4032 TUPPER ST WESTMOUNT QUE	B COM 2 WE 2652
DESJARDINS LOUIS 165 BEVERLEY AVE TOWN OF MOUNT ROYAL QUE	B ENG 2 EX 6401
DESJARDINS PETER O 7214 BLOOMFIELD AVE MONTREAL QUE	B COM 4 GR 6325
DESKIN DENNIS 4901 KENT AVE MONTREAL QUE	B ENG 1 AT 4580
DESLAURIERS GEORGES 1438 AYLWIN ST MONTREAL QUE	B ENG 1 FR 5102
DESLOOVER JEAN JACQUES 5377 EARNSCLIFFE AVE N D G MONTREAL QUE	B ENG 2 EL 1440
DESMARAIS VIVIAN M 3425 PEEL ST APT 7 MTL ALDERGROVE B C	B S W 1 MA 6407
DESNOYERS MAURICE J J 3666 ST HUBERT ST MTL 2250 BERNIER ST ST HYACINTHE QUE	B ENG CI 3
DE SOUZA EDWIN 3743 HUTCHISON AVE APT 2 MONTREAL QUE	M SC 1 MA 5132
DESPIC SERGE 5875 DECARIE BLVD APT 10 MONTREAL QUE	B ENG CI 4 EX 7657
DES ROCHERS PAULINE 5950 MCLYNN AVE N D G MONTREAL QUE	B A 2 EX 3301
DESSAULLES GEORGES H 1530 BERNARD AVE APT 5 OUTREMONT QUE	B C L 1 TA 3487
DESSERUD PER ERLING 218 ST DENIS ST ST LAMBERT QUE	B ENG CI 4

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DE TEMPLE JEAN MERYL 325 WOODLAND AVE VERDUN QUE	HE 6835	B L S 1
DETLOR KENNETH JOHN 4825 COTE ST CATHERINE MONTREAL QUE	EX 7975	B COM 2
DE TRAFFORD GERALD E 3439 SHUTER ST VILLA TRAFFORD RABAT MALTA EUROPE	BE 0017	B A 4
DEVAUX JUNE D 1166 LAIRD BLVD APT 5 TOWN OF MOUNT ROYAL QUE	AT 1630	B A 4
DEWDNEY JOHN WELLS 88C DEVONSHIRE RD GREENFIELD PARK QUE		M SC 1
DEXTRAZE LUCILLE A R V C 239 CHARLES ST FITCHBURG MASS U S A		PARTIAL 0
DHO CHARLES RAYMOND 1210 PINE AVE W MTL 41 STATION AVE SHAWINGIGAN FALLS QUE	HA 0098	B COM 2
DIAMEND CLAIRE 178 BERNARD ST W MONTREAL QUE	QR 8996	B A 3
DIAMOND GERARD PAUL MACDONALD COLLEGE 621 ST PATRICK ST OTTAWA ONT		B ARCH 6
DIAMOND STANLEY MARK 5190 DALOU AVE N D G MONTREAL QUE	DE 0546	B COM 1
DIBBEN BASIL JOHN 7963 DUROCHER ST MTL TALLAND SEAFORD SUSSEX ENGLAND		B ENG MI 5
DIBBEN DAVID WALLACE WILSON HALL V O C LAGANIUS ESTADO ZULIA VENEZUELA		B ENG CI 3
DI CICCO RALPH JAMES 1441 DRUMMOND ST MTL GRAND FALLS NEW BRUNSWICK		B ENG MCH 5
DIBELLO IDA 6969 STUART AVE MONTREAL QUE	CA 7436	PARTIAL 0
DICK GEORGE DES SOURCES RD STRATHMORE QUE		B A 4
DICKEY RODERICK G MACDONALD COLLEGE 120 DUNCAN ST HALIFAX N S		B SC AGR 4
DICKIE ADAM 5654 SHERBROOKE ST W APT 10 MONTREAL 28 QUE	EL 9326	B COM 1
DICKINSON GORDON T 580 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	AT 7533	B A 2
DICKINSON ROBERT ALAN 44 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	AT 2265	B COM 4
DICKSON DELPHINE M 4082 GAGE RD MTL 20 CHRISTCHURCH RD NORWICH NORFOLK ENG	FI 7688	M A 2
DICKSON HUGH MACDONALD COLLEGE 24 HARTLEY OLD RD PURLEY ENGLAND		B SC AGR 1
DICKSON MARGARET H MACDONALD COLLEGE ORMSTOWN QUE		B SC H EC 2
DICKSTEIN JOSEPH 5656 WOODBURY AVE MONTREAL QUE	AT 0559	B COM 4
DIGBY JAMES REGINALD 3466 MCTAVISH ST MTL 42 WELLINGTON ST BRANTFORD ONT	LA 9533	MD CM 3
DIGGS ALICE MUSE R V C 2556 MASSACHUSETTS AVE WASH D C U S A	UN 0138	B A 4
DI LABIO GUIDO F MACDONALD COLLEGE 140 BALSAM ST OTTAWA ONT		B SC AGR 2
DIMAS THEODORE R 3584 SHUTER ST MTL 51 VALTETSIOU ST ATHENS GREECE ★20	BE 1631	B ENG AM 3
DIMOCK JAMES DOUGLAS BOX 250 MONTREAL QUE		B COM 1
DINEEN DONALD DUDLEY 3475 VAN HORNE AVE APT 2 MONTREAL QUE		B ENG 2
DINER DOREEN 4907 MELROSE AVE N D G MONTREAL QUE	EL 9102	B COM 3
DINER LAWRENCE 4814 WILSON AVE N D G MONTREAL QUE	DE 6750	B A 3
DINER MOSES 4814 WILSON AVE N D G MONTREAL QUE	DE 6750	B C L 2
DINGLE ROY WARREN 1441 DRUMMOND ST MTL 46 CHURCHILL DR HALIFAX N S		B SC P E 1
DINGOTT ETHEL 4746 MAPLEWOOD AVE MONTREAL QUE	EX 4033	B A 2
DINSMORE JOHN H 4823 UPPER ROSLYN AVE MONTREAL QUE	AT 7608	B ENG EL 4
DION MARIE TERRY 17 CHURCH HILL ST MONTREAL QUE	FI 3156	B A 3
DIONNE ANDRE RAY 7781 DROLET ST MONTREAL QUE	DO 7843	B COM 3
DIONNE CAMILLE F 4120 PARC LAFONAINE MONTREAL QUE	FR 9786	B C L 3
DIRE JOHN JOSEPH 3508 UNIVERSITY ST MTL 1931 THIRD AVE NEW YORK N Y U S A	BE 0752	B SC 3
DIRE LEONARD BENJAMIN 3508 UNIVERSITY AVE MTL 1931 THIRD AVE NEW YORK 29 N Y U S A	BE 0752	B SC 3
DISHER IRWIN SCOTT DOUGLAS HALL 1526 ANGUS DRIVE VANCOUVER B C		MD CM 4
DITATA NICHOLAS M 111 ST LOUIS ST ST JOHN QUE		B ENG 1
DIX JOAN MACDONALD COLLEGE 100 ALLEN ST WATERLOO QUE		TCH ELEM 1
DIXON MARILYN F R V C 1535 CLAY ST DAVENPORT IOWA	UN 0118	B A 1

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DIXON MARION RUTH MACDONALD COLLEGE DALESVILLE QUE	TCH ELEM 1
DIXON ROBERT DAMIAN 3570 DUROCHER ST APT 8 MONTREAL QUE 73 BLOOR ST APT 9 SUDBURY ONTARIO	D D S 4 MA 3667
DIXON WILLIAM G 4017 FORT ROLLAND LACHINE QUE	MED DIPL 3
DOBAJ HANNAH MACDONALD COLLEGE GENTILLY RD JACQUES CARTIER QUE	B SC AGR 1
DOBELL ANTHONY R 3851 UNIVERSITY ST MONTREAL QUE	MD CM 4 UN 0277
DODDS DONALD J 3433 PEEL ST APT 2 MONTREAL 2 QUE	MD CM 2 BE 8055
DODDS JAMES ROBERT 5876 SOMERLED AVE N D G MONTREAL QUE	MED DIPL 4 EL 1991
DOHAN DAVID JAMES 327 REDFERN AVE WESTMOUNT QUE	B C L 2 FI 5716
DOHAN TERESA ANN 327 REDFERN AVE WESTMOUNT QUE	B A 3 FI 5716
DOHN WALTER ROY F 38 WINDSOR AVE WESTMOUNT 6 QUE	D D S 4 WA 6252
DOLAN RAYMOND HUBERT 3581 DUROCHER ST MTL 311 ST JOHN STREET FREDERICTON N B	D D S 1 HA 7778
DOLLFUSS RUDOLF 1540 SUMMERHILL AVE MONTREAL QUE	M SC 1 WI 7004
DOLMAN MORTIMER 772 OUTREMONT AVE OUTREMONT QUE	B C L 1 CA 1313
DOLLOFF WEYLAND E MACDONALD COLLEGE FITCH BAY QUE	TCH ELEM 1
DONALDSON THOMAS N 449 DOLLARD AVE MONTREAL SOUTH QUE	B ENG CI 5
DONDALE CHARLES D MACDONALD COLLEGE LEGVILLE N S	B SC AGR 3
DONDENAZ HAROLD G 6184 N D G AVE APT 36 MONTREAL QUE	M A 3 DE 9689
DONNELL JAMES MOFFAT 4619 MELROSE AVE N D G MONTREAL 28 QUE	B SC 3 DE 7991
DONNELLAN WILLIAM L 1114 PEEL ST APT 01 MTL 6473 IVARENE AVE HOLLYWOOD CALIF U S A	MD CM 3 LA 1025
DONNENFELD HYMAN 6676 ST HUBERT ST MONTREAL QUE	B SC 2 TA 1379
DONOGHUE LAWRENCE A MACDONALD COLLEGE R R 1 OXFORD MILLS ONT	B SC AGR 3
DONOHUE EDWARD W B 1455 DRUMMOND ST APT 917 MONTREAL QUE	D D S 2 LA 4060
DONOHUE MARGARET G H MACDONALD COLLEGE 94 RAGLAN ST RENFREW ONT	B SC H EC 4
DONTIGNY EUGENE J 3180 MAPLEWOOD AVE MTL 481 11TH ST GRAND MERE QUE	B ENG CI 4
DORAN GEORGE WILLIAM 2301 BELANGER ST APT 5 MONTREAL QUE	B ENG 1 CR 9544
DORAN JOHN BEECHER 2301 BELANDER ST E APT 5 MONTREAL QUE	B COM 4 CR 9544
DORIN OLGA EMILY 633 UNDERHILL PLACE MONTREAL QUE 9670 85TH AVENUE EDMONTON ALBERTA	GR N CERT 1 MA 7874
DORION DAVID GEORGE 20010 LAKESHORE RD BAIE D URFE QUE	B COM 2
DORION GILLES 2054 MANSFIELD AVE MTL 172 5TH ST SHAWINIGAN FALLS QUE	B ENG 2 PL 0789
DORION PETER JAMES 20010 LAKESHORE RD BAIE D URFE QUE	B A 1
DORLAND CARL F 3434 MCTAVISH ST MTL 16 YATES ST ST CATHERINES ONT	B SC P E 4 PL 4492
DORMER ALBERT 4501 KINGSTON AVE N D G MONTREAL QUE	B ENG MCH 3 WA 2065
DORR HUMPHREY PATRICK DOUGLAS HALL 10 MONTROSE RD HALF WAY TREE JAMAICA	B SC 2
DORRANCE GEORGE W WILSON HALL 3979 ANGUS DRIVE VANCOUVER B C	B SC 3 UN 0247
DOUGLAS ARTHUR W 2710 PAUL PAU ST TETREAUVILLE QUE	B A 1 TU 1517
DOUGLAS GLENN A 4329 DRAPER AVE N D G MONTREAL QUE	B SC P E 3 EL 7273
DOUGLAS HUGH ALPORT MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE	B SC AGR 1
DOUGLAS MURRAY C M H 2068 SHERBROOKE ST W APT 5 MONTREAL QUE	B F A 3 FI 0650
DOUGLAS ROBERT KIETH MACDONALD COLLEGE BOX 271 SUTTON QUE	B SC AGR 4
DOUGLAS SHEILA HELEN 522 SHERBROOKE ST W APT 37 MTL BOX 264 BANFF ALTA	B L S 1 BE 9489
DOUGLAS WILLIAM B 4329 DRAPER AVE MONTREAL 28 QUE	B COM 1 EL 7273
DOUGLASS MATTHEW M 3679 JEANNE MANCE ST MTL 2D BAPTISTE LANE PORT OF SPAIN TRINIDAD	B ENG CI 4 HA 6851
DOWD DOREEN DOROTHY 5191 GLOBERT AVE N D G MONTREAL QUE	B A 3 DE 7687

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DOWDING FRANCIS GUY DIOCESIAN COLLEGE 51 CHARLES ST HALIFAX N S	PARTIAL 0 MA 4902
DAWKER MARGARET ANNE 5159 EARNSCLIFFE AVE MONTREAL QUE	B A 3 EL 4981
DOWNER JOHN LESLIE 3493 SHUTER ST APT 9 MTL 109 BEECH AVE APT 5 TORONTO ONT	B SC 3
DOWNING JOHN BELL 66 DORCHESTER ST E MONTREAL QUE SUMMERSIDE P E I	MED DIPL 4 PL 7751
DOYLE ELTON ERNEST 3420 HINGSTON AVE APT 11 MONTREAL QUE	B C L 1 DE 3814
DOYLE FREDERICK L MACDONALD COLLEGE R R 2 MELBOURNE QUE	AGR DIP 1
DOYLE JAMES JOHN MACDONALD COLLEGE 118 CUNARD ST HALIFAX N S	B SC AGR 1
DOYLE JOHM JOSEPH 336 VETERANS AVE MTL E DONKIN N S	MD CM 4
DOYLE MARIE PAULINE 5768 N D G AVE N D G MONTREAL QUE	B S W 2 DE 8523
DRACH PESEL BAELA 1360 BERNARD AVE APT 17 OUTREMONT QUE	PHYSIOTH 1 CA 6305
DRAGAN EUGENE ZENON 1496 CRESCENT ST MTL KRYDOR SASK	B COM 2
DRAKE LESLIE JAMES 1 ROSEMOUNT AVE APT 26 WESTMOUNT QUE	MD CM 2 WI 0716
DRANOV MARK 4540 CLARK ST MONTREAL QUE	B SC 4
DRAPEAU JACQUELINE 4336 KING EDWARD AVE MONTREAL QUE	B SC 3 EL 8521
DRAPER MARY R V C 161 VICTORIA ST LONDON ONT	B A 2 UN 0088
DRAPER GILBERT JOHN 3434 MCTAVISH ST MTL 611 GRAND COTE ROSEMERE QUE	B A 4 PL 4492
DRAZNER MICHAEL 3570 CLARKE ST MONTREAL QUE	B C L 3 HA 7697
DREYFUS HENRY 421 PRINCE ARTHUR ST W MONTREAL QUE MANAGUA NICARAGUA CENTRAL AMERICA	B ENG 2 HA 1503
DRIVER GALEN ARTHUR W KINGSBURY QUE	B SC AGR 1
DRODY JAMES EDWARD 1276 BELLECHASSE ST MONTREAL QUE	B C L 3
DROUIN JACQUES E 1437 MACKAY ST APT 4 MTL BOX 88 ROUYN QUE	B ENG EL 3 MA 3715
DROUIN PAUL EMILE 10700 GRANDE ALLEE APT 3 MONTREAL QUE	M ENG 1 VE 0595

NAME ADDRESS	COURSE & YEAR TEL. NO.
DROZ PHILIP NELSON 3335 RIDGEWOOD AVE APT 12 MONTREAL QUE	B COM 4 AT 8657
DRUCKMAN LEONARD L 201 OUTREMONT AVE OUTREMONT QUE	D D S 1 GR 7431
DRUMMOND KEITH NEWTON 4015 ROSEMOUNT BLVD ROSEMOUNT QUE	B A 3 CL 1326
DRUMMOND ROBERT N 4015 ROSEMOUNT BLVD MONTREAL 36 QUE	PH D 2 CL 1326
DRUMMOND RUTH ANNE 376 REDFERN AVE WESTMOUNT QUE	B SC 1 FI 0644
DRUMMOND THOMAS K 47 ROSEMOUNT AVE WESTMOUNT QUE	B COM 2 WI 6860
DRURY ANN C 1321 SHERBROOKE ST W APT D 50 MONTREAL QUE	B A 2 LA 1444
DRY CHARLES WILLIAM 3445 PEEL ST MTL 2744 EAST 26TH ST BROOKLYN 35 N Y U S A	B ARCH 5 HA 9462
DRYSDALE BONNIE ANN MACDONALD COLLEGE 21 SYLVAN AVE METUCHEN N J U S A	B SC H EC 3
DRYSDALE RONALD D 3591 UNIVERSITY ST APT 3 MONTREAL QUE	MED DIPL 3 PL 3650
DUBE GASTON ROBERT E 1441 DRUMMOND ST MTL 29 3RD ST W CORNWALL ONT	B ENG CI 5
DUBE J YVES 5676 JEANNE MANCE ST MTL 328 ST MAURICE PARK CAP DE MADELEINE QUE	B COM 2 GR 0243
DUBE PIERRE 1486 CHOMEDY ST MTL LAC MEGANTIC QUE	B ENG MCH 5 WE 6481
DUBOW HARRY IRVING 5201 COTE ST ANTOINE RD N D G MONTREAL 28 QUE	B SC 1 DE 4298
DUBOW RUTH 5201 COTE ST ANTOINE RD N D G MONTREAL QUE	B A 1 DE 4298
DUBROSKY JOSEPH G WILSON HALL 68 GREY STREET BRANTFORD ONT	B ENG EL 5
DUBRULE BARBARA J R V C BOX 600 PRESCOTT ONT	B COM 1 UN 0038
DUBRULE GERALDINE A R V C PRESCOTT ONTARIO	B SC P E 2 UN 0057
DUBUC JACQUES ANDRE 4929 PONSARD AVE MONTREAL 6 QUE	B ENG EL 3 AT 9318
DUFF GRAHAM H PRESBYTERIAN COLLEGE BOX 309 BOURLAMAQUE QUE	B ENG 1 PL 5754
DUFF WILLIAM EDGAR 53 CURZON AVE MONTREAL WEST QUE	B SC 2 WA 5956
DUGAN JAMES LENNOX 4335 HINGSTON AVE N D G MONTREAL QUE	B COM 4 EL 2637

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NAME ADDRESS	COURSE & YEAR TEL. NO.
DUGAS JEAN 69 GAMBLE ST W ROUYN QUE	PH D 4
DUQUID JOSEPH ALAN 7267 BIRNAM AVE MONTREAL QUE	B ENG MCH 4 GR 5534
DUCKWORTH RUSSELL E MACDONALD COLLEGE 6523 DELORIMIER AVE MONTREAL QUE	B SC AGR 4
DUFFY JOSEPH OSWALD 3430 DRUMMOND ST MTL 785 ST ANGELE ST THREE RIVERS QUE	B SC 4 PL 0789
DUITMAN DOROTHY I 3193 FENDALL AVE MTL 11427 72ND ST EDMONTON ALBERTA	M S W 1 EX 6431
DUJON AINSLEY U 1189 GUY STREET MTL 8 ELLESMERE ROAD HALF WAY TREE JAMAICA	MD CM 1 GL 3252
DUKE WILLIAM DAVID 5025 MACDONALD AVE N D G MONTREAL QUE	B COM 3 WA 6809
DUKE SHIRLEY LYNN 65 HICKSON AVE ST LAMBERT QUE	B F A 2
DUNBAR ADDISON C 3704 JEANNE MANCE ST MONTREAL QUE 125 TAMARACK ST TIMMINS ONT	B A 1 HA 3878
DUNCAN BARBARA N R V C 620 CARPENTER LANE PHILADELPHIA 19 PA	B SC P E 3 UN 0207
DUNCAN DORTHORY B F 2974 STE ANNES ST ST ANNE DE BELLEVUE QUE	HOMEMAKER 1
DUNCAN DOUGLAS F ST ARMAND QUE	B SC AGR 3
DUNCAN GERALD E MACDONALD COLLEGE ORMSTOWN QUE	AGR DIP 2
DUNCAN JAMES DOUGLAS 618 GROSVENOR AVE WESTMOUNT QUE	B ENG 2 DE 2630
DUNCAN JOHN ALEXANDER 1515 SUMMERHILL AVE APT 410 MTL QUE ARCOLA SASK	D D S 3 WI 5677
DUNCAN RUTH MARLOWE R V C 210 WATERLOO STREET WINNIPEG MAN	B SC P E 4
DUNLOP HELEN MARION 397 MANNING AVE VERDUN QUE	B A 3 TR 9718
DUNN CONSTANCE ANNIE MACDONALD COLLEGE LAKEFIELD QUE	B SC H EC 1
DUNN HUGH ANGUS PRESBYTERIAN COLLEGE 606 HURON STREET TORONTO ONT	B ARCH 6 BE 0424
DUNN RICHARD HERBERT 7130 CHAMBORD ST MONTREAL QUE	B ENG CI 5 VI 6489
DUQUET ROBERT T 3440 MARCIL AVE N D G MONTREAL QUE	M SC 1 WA 7337
DUNPHY ATHANASIUS E 3608 OXENDEN AVE MTL BOX 745 NORTH SYDNEY N S	MD CM 4 PL 1305
DUNSMORE AUDREY ADELE ST ANNE DE BELLEVUE QUE	B SC H EC 1
DUNSKY ZIPPORAH 5226 WAVERLY ST MONTREAL QUE	B A 2 CR 8732
DUNPHY WAYNE THOMAS 1751 NORTH AVE OUTREMONT QUE	B SC 2 AT 2702
DUNTON JAIME WILSON 737 UPPER BELMONT AVE WESTMOUNT QUE	B A 2 DE 2107
DUNWOODY CAROLYN MAY 1500 ST MARK ST APT 3 MONTREAL QUE 147 WILLIAM ST COWANSVILLE QUE	B F A 3 WE 5437
DUPUIS EMILE JOSEPH 52A LEGRAND LAVAL DES RAPIDES QUE 10263 113TH STREET EDMONTON ALBERTA	B ARCH 6
DURANCEAU ADRIENNE M 4479 WILSON AVE MTL 253 10TH AVE COCHRANE ONT	B A 4 WA 3883
DURIE DOUGLAS S L 1537 ST MATTHEW APT 13 MONTREAL QUE	M ENG 1 FI 6545
DURNFORD HUGH M 658 BELMONT AVE WESTMOUNT QUE	B A 2 EL 1442
DURNFORD JOHN W 614 ARGYLE AVE WESTMOUNT QUE	B C L 2 EL 9192
DUROCHER JACQUES E 181 FIRST AVE VERDUN QUE	B ENG CI 5 YO 0702
DURRANT STANLEY G 489 WILLIBRORD AVE VERDUN QUE	B COM 3 YO 3345
D URSO JOHN ANTHONY 1441 DRUMMOND ST MTL 26 PARK PLACE VALLEY STREAM L I N Y	B SC 2
DU SABLON MICHEL M J 170 DUFFERIN RD HAMPSTEAD QUE	B ENG EL 3 WA 1835
DUSTON ROBERT FARNUM 11 OLDFIELD ST MTL 516 CAREW ST SPRINGFIELD MASS U S A	B ENG EL 4 WE 0891
DUTAUD THEODORE 8628 FORBIN JANSON ST MONTREAL QUE	B ENG MCH 5 CL 7317
DU TEMPLE EDMUND G 7090 DE ST VALLIER MONTREAL QUE	B COM 4 GR 9538
DUXBURY JAMES HERBERT 3466 MCTAVISH ST MTL 95 VIEW STREET NANAIMO B C	MD CM 2 LA 9533
DUYVEWAARDT JUNE A 10 STE ANNE ST ST ANNE DE BELLEVUE HUDSON HEIGHTS QUE	AGR DIP 2
DWYER COLLEEN MINTY 645 GROSVENOR AVE WESTMOUNT QUE	PHYSIOTH 1 EL 6666
DYDZAK JOE JR BOX 794 705 THIRD AVE VAL D OR QUE	B COM 1
DYER MARY ELIZABETH R V C 57 HIGHLAND RD RYE N Y U S A	B A 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
DYKEMAN DOUGLAS LEE 3436 DUROCHER ST APT 12 MONTREAL QUE JEMSEG QUEENS CO N B	MD CM 2 MA 8264
DYMENT JOHN JOSEPH 1625 LAIRD BLVD TOWN OF MOUNT ROYAL QUE	B COM 2 AT 0888
DYSART GORDON A 21 CHURCHILL BLVD GREENFIELD PARK QUE	B ENG EL 5
DYSON RONALD EDWARD C O W R COLES 3860 BARCLAY AVE APT 5 MONTREAL QUE	B ENG AM 5 EX 5441

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EADE KENNETH EDGAR 3508 DUROCHER ST MTL 11 WHITE PINE AVE TORONTO ONT	PH D 3 MA 4352
EADIE DOROTHY ANN 18 FORDEN AVE WESTMOUNT QUE	B SC 4 EL 3132
EADIE FRANK STEWART 76 51ST AVENUE LACHINE QUE	PH D 3
EAGLE CATHERINE M MACDONALD COLLEGE 3480 PATRICIA AVE MONTREAL QUE	HOMEMAKER 1
EAGLE WILFRED JAMES MACDONALD COLLEGE 3480 PATRICIA AVE N D G MONTREAL QUE	AGR DIP 2 DE 1256
EAGLES ERNEST ANDREW MACDONALD COLLEGE SALISBURY N B	B SC AGR 3
EAKINS PETER RUSSELL 768 SHERBROOKE ST APT 17 MONTREAL QUE	PH D 3
GRAVINA ROSEMARY L 1374 SHERBROOKE ST W APT 17 MONTREAL QUE	B SC 3 PL 8189
EARDLEY WILMOT HUGH I 3581 UNIVERSITY ST MTL 234 CHARLOTTE ST OTTAWA ONT	B SC 3 MA 3842
EARL THOMAS MORGAN 5145 COTE ST LUC RD MONTREAL QUE	B COM 1 DE 7666
EARLE KENNETH MARTIN 1380 OUIMET ST VILLE ST LAURENT QUE 312 LEE AVE LAFAYETTE LOUISANA U S A	M SC 2 BY 0458
EASSON JANE BRAY R V C CLARKSON ONT	B A 1
EASTMAN DAVID GALE 2070 UNIVERSITY ST MTL OLD EMERSON RD DURHAM NEW HAMPSHIRE	MD CM 4
EASTON ARNOLD WILLIAM 4675 EARNSCLIFFE AVE N D G MONTREAL QUE	B COM 3 EL 8872

ECCLES WILLIAM JOHN 22 ANWOTH RD WESTMOUNT QUE	M A 2 WE 5033
ECKSTEIN ABRAHAM 501 ST CATHERINE RD MTL INSVRGENTES 469 303 MEXICO D F MEXICO	B SC 1 CR 6805
ECONOMOU CONSTANTINE 3601 UNIVERSITY ST ST PATRIARCHOU IOAKIM 18 ATHENS GREECE	B ENG CI 3
EDDY LOUIS ALEC 1235 JEAN TALON ST E MONTREAL QUE	B A 3 CA 7787
EDDY KEITH HUDSON WILSON HALL 1235 JEAN TALON E MONTREAL QUE	B D 1 HA 4873
EDEL HELEN 864 STUART AVE OUTREMONT QUE	B A 2 VI 2082
EDGAR ARTHUR BURTON 3621 LORNE CRES MTL HAMPTON KINGS CO N B	MD CM 4 LA 8013
EDGAR ROBERT STUART 2144 PRUD HOMME ST MTL 3 CASTLEVIEW AVE TORONTO ONT	B SC 3 EL 5119
EDEY STUART NELSON MACDONALD COLLEGE 20 WENDOVER AVE OTTAWA ONT	B SC AGR 2
EDGE RUSSELL BYGATE 1583 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B ARCH 3 AT 8456
EDWARD ROBERT HORACE 735 BLOOMFIELD AVE OUTREMONT QUE	B ENG EL 5
EDWARDS DOUGLAS F MACDONALD COLLEGE ESCUMINAC QUE	B SC AGR 3
EDWARDS GORDON B 428 EGAN AVE VERDUN QUE	B ARCH 4 HE 4252
EDWARDS HERBERT C 3433 HUTCHISON ST MTL 29 COLLINS GREEN AVE CROSS ROADS JAMICA B W I	B A 4 LA 4790
EDWARDS JUDITH D 3463 PEEL ST MTL 29 COLLINS GREEN AVE CROSS ROADS JAMAICA BWI	L MUS 2 BE 6181
EDWARDS NOEL OLIVER 3532 LORNE AVE MTL 36 ARNOLD RD KINGSTON JAMAICA B W I	B A 4
EDWIN RUSSELL LEON 3571 HUTCHISON ST MTL 1716 1ST AVENUE N GREAT FALLS MONTANA	MD CM 1 PL 8821
EDWORTHY MURRAY A 3622 LORNE CRESCENT APT 1 MTL QUE 839 NINTH AVE N SASKATOON SASK	MD CM 4 HA 2441
EGAN CHARLES 4055 CAVENDISH AVE APT 20 MONTREAL QUE 562 JOHNSON ST KINGSTON ONT	MED DIPL 2
EGAN THOMAS JOSEPH 3617 LORNE CRES MTL 3530 CAMBIE ST VANCOUVER B C	MD CM 3 LA 8013

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Where two addresses are given, the second is the home address.

NAME ADDRESS	TEL. NO.	COURSE & YEAR
EHRENWERTH EVELYN 4000 COTE ST CATHERINE APT 8 MONTREAL QUE	Ex 3148	B F A 1
EIDINGER DAVID 650 DOLLARD BLVD OUTREMONT QUE	CA 9332	B SC 3
EIDINGER MARTIN 2068 SHERBROOKE ST W MONTREAL QUE	WI 8497	D D S 2
EIDINGER NAOMI 2068 SHERBROOKE ST W APT 17 MONTREAL QUE	WI 8497	B SC 3
EIDINGER SYLVIA 650 DOLLARD BLVD OUTREMONT QUE	CA 9332	A 1
EISENSTAT BRAHM M 5621 PHILLIPS ST MONTREAL QUE	Ex 3995	B A 3
EITMAN KATHLEEN 1109 ARGYLE AVE VERDUN QUE	HE 7361	B A 4
ELDERKIN RICHARD LEA WILSON HALL 1001 BEECH ST CROSSETT ARKANSAS U S A	UN 0286	B ENG MCH 4
ELBLING JOE 4813 PARK AVE MONTREAL QUE		B ENG EL 5
ELCOMBE DOROTHY J E 762 GODIN AVE VERDUN QUE 301E 21ST ST APT 5G NEW YORK 10 N Y U S A		B SC P E 4
ELDER JOHN MUNRO 3640 HUTCHISON ST MONTREAL QUE	HA 8582	MD CM 4
ELDER PATRICIA C 108 STRATHEARN AVE MONTREAL WEST QUE	DE 0517	B SC P E 4
ELDERKIN JANE RIPLEY R V C 190 KING ST ST CATHARINES ONT	UN 0278	B SC 3
ELEFTHEROUDAKIS PAUL 337 ELM AVE APT 2 MTL 21 PATR JOACHIM ATHENS GREECE	FI 5203	M ENG 2
ELIADIS ALEXANDER C 1920 ST LUKE ST MTL 8 PAPADIAMANTOPOULOU ST ATHENS GREECE		B ENG CI 5
ELIMELECK MORTON 464 VICTORIA AVE WESTMOUNT QUE	EL 7418	B A 1
ELKIN DAVID 133 DE L EPEE AVE APT 3 OUTREMONT QUE		MD CM 3
ELKINGTON WILLIAM G 3437 REDPATH ST MTL 572 ISLAND RD VICTORIA B C	BE 3527	B A 3
ELLENBOGEN IRVING 4112 CLARK ST MONTREAL QUE	BE 3584	B ARCH 2
ELLICOTT SHIRLEY E 59 GILMOUR AVE CHATEAUQUAY HEIGHTS QUE		B A 4
ELLIOT JAMES EDWARD 37 NELSON ST MONTREAL WEST QUE	DE 4657	B ENG MCH 4
ELLIOT JEANETTE C 11 PERRAULT ST STE ANNE DE BELLEVUE QUE 37 NELSON ST MONTREAL WEST QUE		TCH ELEM 1
ELLIOT ROBERT RUSSEL 1566 CLEMENCEAU AVE VERDUN QUE	TR 5816	B ENG EL 5
ELLIOTT ANGUS DOUGLAS 648 MURRAY HILL MTL 558 HOWIE CRESCENT SUDBURY ONT	DE 4166	B ENG CI 5
ELLIOTT RONALD E 840 VICTORIA AVE ST LAMBERT QUE 33 STRATHCONA SOUTH HAMILTON ONT		MD CM 4
ELLIS DONALD ARTHUR MACDONALD COLLEGE 224 MIDWAY AVE WOODROFFE OTTAWA QUE		B SC AGR 2
ELLIS GERALD 4390 WILSON AVE N D G MONTREAL QUE	EL 4121	B ARCH 2
ELLIS JEAN MARGUERITE 12136 RANGER ST CARTIERVILLE MONTREAL	BY 1069	GR N CERT 1
ELLIS MACALLISTER S 1630 LINCOLN AVE MONTREAL QUE		PARTIAL 0
ELTON ERNITA JANE MACDONALD COLLEGE 280 35TH AVE LACHINE QUE		TCH ELEM 1
EMBREE PAUL W 3445 PEEL ST MTL BOX 192 FILER IDAHO U S A	HA 9462	MD CM 3
EMELIN NOEL BARNES R V C 336 SUNNYSIDE AVE AURORA IND U S A		B A 1
EMERSON MARION I 434 LANSDOWNE AVE MTL SUTTON JCT QUE	WA 9081	M S W 2
EMERY CHARLES EDWARD 10594 GRANDE ALLEE AHUNTSIC QUE	DU 5331	B A 4
EMO BRIAN PARKER 821 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	EX 2197	B ENG MCH 5
EMO WALLACE BROOKS 449 CLAREMONT AVE WESTMOUNT QUE	EL 4952	B SC 2
EMOND LIONEL JOSEPH 4600 CHAPLEAU ST MONTREAL QUE	AM 5849	B COM 2
EMORY WILLIAM VERNON DOUGLAS HALL BOX 369 EDMUNDSTON N B	UN 0277	B SC 4
EMPEY GORDON BURTON 24 RICHELIEU PLACE MONTREAL 25 QUE	LA 9689	B A 4
EMSDEN LESLIE H C 3571 HUTCHISON ST MTL CLARE SUDBURY SUFFOLK ENGLAND	PL 8821	MD CM 3
ENDLER MILDRED 3895 ST DENIS ST MONTREAL QUE	HA 6007	B S W 1
ENDLER SYLVIA 4640 ESPLANADE AVE MONTREAL QUE	LA 1627	M S W 1
ENDMAN LOUIS 71 CUTHBERT ST MONTREAL QUE	BE 6210	B COM 4
ENDRENYI MADELINE H 3533 PARK AVE MONTREAL QUE	LA 7547	B S W 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ENGEL ANDREW GEORGE 2032 UNION AVE MTL 3220 93RD ST JACKSON HEIGHTS N Y USA	B SC 3 BE 2982
ENGELBERG WILLIAM 5510 TRANS ISLAND AVE MONTREAL QUE	B SC 1 EX 7826
ENGLAND MURIEL B 3500 SHUTER ST APT 3 MTL R R 3 SUMMERSIDE P E I	B L S 1 PL 3965
ENGLAND NORMA M 3500 SHUTER ST APT 3 MONTREAL QUE SUMMERSIDE R R 3 P E I	MD CM 2 PL 3965
ENNIS DONALD EARL 4352 WESTHILL AVE MONTREAL 28 QUE	B ENG EL 3 DE 0789
ENNIS ROBERT W 10644 ST CHARLES AVE AHUNTSIC QUE	B A 2 DU 5606
ENRIGHT HELEN M MACDONALD COLLEGE 440 MT STEPHEN AVE APT 9 WESTMOUNT QUE	HOMEMAKER 1
ENSINCK JOHN WILLAM 4640 CLANRANALD AVE APT 6 MONTREAL QUE	B SC 3 DE 3583
ENTA TOMMY 40 STRATTON ST CROYDON CHAMBLY CO QUE	B SC 2
ENTWISTLE MARGARET MACDONALD COLLEGE 152 BALFOUR AVE TOWN OF MOUNT ROYAL QUE	TCH KIND 3
EPERJESY DEZSO L 3563 CLARK ST MONTREAL QUE	B ENG 2
EPSTEIN JEAN FAY R V C 384 TOWNSEND ST SYDNEY N S	B A 2 PL 0634
EPSTEIN NATHAN B 591 MORTON ST DORCHESTER CTR MASS USA PLUMMER AVE NEW WATERFORD N S	MED DIPL 3
ERB DAVID KINSEY 1600 DECARIE BLVD APT 45 ST LAURENT QUE 1057 RICHMOND ST LONDON ONT	PH D 2 BY 7327
ERICKSON ARTHUR C 4890 OSLER AVE VANCOUVER B C	M ARCH 1
ERICKSON GLENWOOD E 4131 SHERBROOKE ST W APT 1 MONTREAL QUE 1369 JEAN NICOLET ST THREE RIVERS QUE	B ENG EL 3
ERICKSON WILLIAM J 53 WOLSELEY AVE MONTREAL WEST QUE	B A 2 WA 3069
ERRINGTON PHILIP J 3653 UNIVERSITY ST MTL 19 PRICEFIELD RD TORONTO ONT	B COM 2 PL 2073
ERSKINE RONALD G DOUGLAS HALL PUTNAM HOUSE SCARSDALE N Y U S A	B COM 4 PL 5790
ESAR GRAIDA 81 SPRINGROVE CRESCENT OUTREMONT QUE	PHYSIOTH 2 CR 7686
ESDON WILLIAM STUART 4161 OXFORD AVE N D G MONTREAL QUE 921A SECOND ST W CORNWALL ONT	B ENG CI 5 WA 2533
ESTEY RALPH HOWARD MACDONALD COLLEGE MILLVILLE N B	B SC AGR 4
ETIENNE JAMES ARCHIE 5 SPRINGFIELD AVE WESTMOUNT QUE	MUS B 3 EL 3821
EVA ELIZABETH HELEN F 387 41ST AVE LACHINE QUE	B A 1
EVANS ELAINE EVELYNE MACDONALD COLLEGE LENNOXVILLE QUE	TCH INT 1
EVANS GEORGE WALTER 122 SELBY ST MTL 637 GLOUCESTER ST CORNWALL ONT	B ENG CH 5 WI 7464
EVANS HARRY GIFFARD 4557 SHERBROOKE ST W APT 5 MONTREAL QUE 1460 DRUMMOND ST APT 21 MONTREAL QUE	PH D 4
EVANS KATHLEEN F J 3723 MAPLEWOOD AVE MONTREAL QUE	B A 1 AT 3528
EVANS MERRAN GWYNNE 126 DUFFERIN RD HAMPSTEAD QUE	B A 2 EL 6931
EVANS TERENCE R 1511A CRESCENT ST MONTREAL QUE	D D S 4 BE 9324
EVERITT ELIZABETH F M N I UNIVERSITY ST 27 PARKWAY SEVEN KINGS ESSEX ENGLAND	MED DIPL 2
EVERNDEN IAN PHILIP 104 MERCIER ST ST JOHNS QUE	B SC 4
EVERSON THOMAS P 630 CLARKE AVE MONTREAL QUE	B COM 3 FI 1301
EWASEW JOHN 2945 ST DONAT ST MONTREAL QUE	M C L 1 CL 6373
EWERT ROBERT ALFRED 545 PINE AVE W MTL 811 ROCHESTER RD NEW WESTMINSTER B C	MD CM 2 MA 1545

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FABER BRAHM ROBERT 3800 GREY AVE N D G MONTREAL QUE	B COM 1 DE 0935
FABRIKANT JACOB 350A UNIVERSITY ST MTL 119 17 111 TH AVENUE S OZONE PARK 20 LONG ISLAND N Y U S A	B SC 3 BE 0752
FACTO LONNIE OCTAVE 3459 DRUMMOND ST APT 41 MONTREAL QUE 2843 INGERSOLL AVE DES MOINES IOWA U S A	B A 2 BE 0653

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FAERMAN DONALD S 4364 WESTMOUNT AVE WESTMOUNT QUE	B COM 2 WA 4419
FAFALIOS JOHN D 4114 OXFORD AVE N D G MONTREAL QUE	B ENG MCH 5 WA 5922
FAFALOIS STELIOS C 4114 OXFORD AVE MTL C O COSTAS S FAFALIOS CHIOS GREECE	B ENG MCH 3 WA 5922
FAIERMAN MELVIN 341 DE L EPEE AVE OUTREMONT QUE	B ENG 2 CA 7909
FAIERMAN NETTIE 341 DE L EPEE AVE OUTREMONT QUE	B A 3 CA 7909
FAINBLOOM ANITA 4414 DRAPER AVE MONTREAL QUE	B COM 3 DE 1324
FAINSTAT THEODORE D 4533 ESPLANADE AVE MONTREAL QUE	M SC 1 PL 4968
FAIR ROBERT 32 LEGAULT ST ST ANNE DE BELLEVUE QUE 34 YOUNG ST TRURO N S	B SC AGR 3
FAIRBAIRN NORMAN JOHN MACDONALD COLLEGE P O BOX 124 MARATHON ONT	PH D 2
FAIRHEAD HAROLD G F 116 LEWIS AVE WESTMOUNT QUE	B A 4 WE 1574
FAIRLEY ELIZABETH J MACDONALD COLLEGE BOX 26 RIVERBEND QUE	B SC H EC 1
FAIRLEY MARGARET B MACDONALD COLLEGE NEWTOWN NR NEWPORT ISLE OF WIGHT ENGLAND	B SC AGR 4
FAIRLIE JOHN 148 COTE ST ANTOINE RD WESTMOUNT QUE	B COM 4 WI 7379
FAIRLIE JOHN NIEL 1501 MCGREGOR ST MONTREAL QUE	B ENG CH 5 WE 3413
FAIRMAN M DOREEN 4054 GREY AVE N D G MONTREAL QUE	B A 4 EL 3721
FAITH ROBERT WARD 755 UPPER BELMONT AVE WESTMOUNT QUE	B A 2 EL 5927
FALARDEAU JOSEPH L R 1230 BEAUBIEN ST APT 5 MONTREAL QUE	B ENG MCH 5 TA 3396
FALCONER CHARLES B BOX 141 HUDSON HEIGHTS QUE	B SC 2
FALCONER ERROL LINTON 3433 HUTCHISON ST MTL 8 ELLIS AVE WINDWARD RD JAMAICA BWI	B SC 4 LA 4790
FALK JOHN LIONEL 3025 SHERBROOKE ST MONTREAL QUE	GRAD QUAL 1 FI 2307
FALK MICHAEL 3130 VAN HORNE AVE MONTREAL QUE	B SC 3
FALKNER PETER L 3504 PARK AVE MONTREAL QUE	D D S 4
FALLIS ROSLYN R V C 2097 VICTORIA AVE THREE RIVERS QUE	B A 1
FALLS MARY VIRGINIA 3740 WESTMOUNT BLVD WESTMOUNT QUE	B A 2 EL 2335
FANJUL CARLOS 3487 ATWATER AVE APT 9 MONTREAL QUE 3 C O B GUATEMALA CITY GUATEMALA C A	B ENG MCH 5
FANJUL MARGARITA 3487 ATWATER AVE APT 9 MONTREAL QUE	B A 1
FARANTATOS GERASSIMOS 1496 CRESCENT ST MONTREAL QUE	B ENG CI 4
FARFAN HENRY F 545 PINE AVE W MONTREAL QUE	MD CM 4 MA 1545
FARLEY JOSEPH CLAUDE 8577 FOUCHER ST MONTREAL QUE	B C L 1 DU 4231
FARLINGER JANE E R V C 7 PAGET ST NEW LISKEARD ONT	B SC 2 UN 0198
FARMER MARION ALISON R V C 18 MAPLE LANE OTTAWA ONT	B A 3 UN 0148
FARMER PETER EVELYN 1671 SHERBROOKE ST MTL GIBBONS CH CH BARBADOS B W I	B ENG MCH 4 WI 1684
FARMER PHYLLIS M MACDONALD COLLEGE 197 PRICE ST CHICOUTIMI QUE	B SC H EC 1
FARNELL GERALD W 10233 PELOQUIN AVE MTL 117 GLENMORE RD TORONTO ONT	PH D 2 VE 5203
FARNSWORTH ROBERT C 516 GROSVENOR AVE MTL 150 LINCOLN ST MILLMOCHET MAINE U S A	B SC 1 DE 6230
FARR WILLIAM 1830 ST CATHERIN ST W APT 1 MONTREAL QUE 8 HILLVIEW CRESCENT ORPINGTON KENT ENG	M A 1 WI 9275
FARR BARBARA ANN 1482 CLOSSE ST APT 4 MONTREAL QUE	B A 2 WI 0342
FARRELL JOHN MICHAEL MOLSON STADIUM 1910 5TH ST W CALGARY ALTA	B COM 2
FARRELL STANLEY M 1229 MOUNTAIN ST MTL WINDSOR AVE SYDNEY MINES N S	B S W 1 HA 7185
FAUGHNAN EILEEN V 333 MONMOUTH AVE TOWN OF MOUNT ROYAL QUE	B A 1 AT 0746
FAUGHNAN BARBARA K 842 DAVAAR AVE OUTREMONT QUE	PHYSIOTH 2 CR 7663
FAUGHNAN BRIAN W 842 DAVAAR AVE OUTREMONT QUE	B ENG 1 CR 7663
FAUGHNAN JEANNE E 333 MONMOUTH AVE TOWN OF MOUNT ROYAL QUE	PARTIAL 0 AT 0746

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FAUGHNAN MARY ILMA 333 MONMOUTH AVE TOWN OF MOUNT ROYAL QUE	B A 3 AT 0746
FAULKNER PETER 1420 PINE AVE WEST MONTREAL QUE	GRAD QUAL 1 BE 0875
FAVIS DIMITRIOS 380 METCALFE ST WESTMOUNT QUE 12A PORTMENONOS ATHENS GREECE	PH D 3 WE 7543
FAY KEVIN JOHN 6140 COTE ST LUC RD APT 3 MONTREAL QUE	MED DIPL 2 WA 7649
FEE DOROTHY EMMA R V C 112 HADDON ST N HAMILTON ONT	B SC P E 4 UN 0148
FEE HARRY MACDONALD COLLEGE 61 PARK AVE OTTAWA ONT	B SC AGR 4
FEHER MARY MADELEINE 3487 JEANNE MANCE ST MONTREAL 18 QUE	B A 2 LA 1950
FEHR GORDON JOHN 4086 TUPPER ST WESTMOUNT QUE	B SC 1 WI 1794
FEIDELBERG MICHAEL MACDONALD COLLEGE 270 EDGEHILL RD WESTMOUNT QUE	B SC AGR 1
FEINSTEIN SYDNEY 2937 SOISSONS AVE MONTREAL QUE	B SC 1 EX 6345
FEKETE GEORGE J 227 WESTMINSTER AVE MONTREAL WEST QUE	B ENG 2 EL 9043
FELDMAN DIANE SORREL 732 UPPER ROSLYN AVE WESTMOUNT QUE	B A 3 EL 0315
FELDMAN IRWIN 4169 ST LAWRENCE BLVD APT 10 MONTREAL QUE	B SC 2 HA 0150
FELDMAN IRWIN SAUL 3766 VENDOME AVE MTL MONTEREY HOTEL 94TH ST & BROADWAY NEW YORK N Y U S A	B ARCH 2 DE 8155
FELDMAN RUBIN M 68 COTE ST CATHERINE RD OUTREMONT QUE	B SC 4 DO 0902
FELLOWS BARBARA RUTH R V C 46 OAKLAND AVE ALBANY 5 N Y U S A	MD CM 1
FENNIX ELIZABETH M 5534 CLANRANALD AVE MONTREAL QUE	B A 3 AT 3615
FENSOM ROBERT M 50 MERTON RD HAMPSTEAD 3844 S W MARINE DR VANCOUVER B C	B SC 4 DE 9216
FENTON KENNETH ALBERT WILSON HALL ARUNDEL QUE	B D 2 HA 4873
FENWICK DONALD REID 697 VICTORIA AVE WESTMOUNT QUE	B COM 2 EL 2662
FERENCZ CHARLOTTE JOHNS HOPKINS HOSP BALTIMORE MD U S A 227 WESTMINSTER AVE MONTREAL WEST QUE	MED DIPL 4
FERGUSON COLIN C STE 35 1171 BOYLSTON ST BOSTON MASS U S A	MED DIPL 5
FERGUSON GERRY 470 BERWICK AVE MONTREAL 16 QUE	B COM 1 AT 3807
FERGUSON JOHN MUNROE 3579 SHUTER ST MTL DUNDEE QUE	MD CM 2 LA 2639
FERGUSON RICHARD C MACDONALD COLLEGE 470 BERWICK AVE TOWN OF MOUNT ROYAL QUE	B SC AGR 4
FERGUSON ROBERT M 8377 REIMS AVE MONTREAL QUE	B ENG PHY 5
FERNANDEZ GUILLERMO 3511 UNIVERSITY ST MTL 8 AVE SUR 63 GUATEMALA C A	B ENG CI 4
FERRABEE HENRY G 4424 EARNSCLIFFE AVE MONTREAL 28 QUE	M A 1 EL 2862
FERRABEE JOHN GILBERT 1509 SHERBROOKE ST W MONTREAL QUE	B A 1 WE 9269
FERRER ANTONIO 354 MILTON ST MTL P O BOX 63 COMERIO PUERTO RICO	B SC 3
FERRIER ALEXANDER I 3633 OXENDEN AVE MTL LITTLE VOAKES WEST CHILTINGTON PULBOROUGH SUSSEX ENG	B ARCH 5 LA 6896
FERRIER DAVID A 132 ARLINGTON AVE MONTREAL QUE	B COM 4 DE 4159
FERRIER MARY JANE 132 ARLINGTON AVE WESTMOUNT QUE	B A 2
FERRIS JOHN ALBERT 50 ST JEAN BAPTISTE ST VALLEYFIELD QUE	M A 1
FETTERLY ELGIN REA 4865 WEST BROADWAY AVE N D G MONTREAL QUE	B ENG 2 WA 7695
FEWTRELL HERBERT L 16 POINTE CLAIRE AVE POINTE CLAIRE QUE	B ENG MCH 4
FFOLKES EUGENE A MACDONALD COLLEGE 70 WALTHAM PARK RD HALF WAY TREE JAMAICA B W I	B SC AGR 4
FIELD BARBARA AGNES MACDONALD COLLEGE 2105 DECARIE BLVD N D G MONTREAL QUE	B SC AGR 4
FIELD DONALD WHITE 3567 UNIVERSITY ST MTL CENTREVILLE CAR CO N B	B COM 2 MA 0084
FIELDING ROBERT E 155R STANLEY ST APT 61 MONTREAL QUE WESTERN UNION TEL CO HORTA FAIAL AZORES	B ENG EL 3 PL 5471
FIGUEROA FORTUNATO M 2030 PATRICIA ST N D G MONTREAL QUE	M ENG 1
FILIATRAULT HARRY D 3550 RIDGEWOOD AVE MONTREAL QUE	B ENG MCH 5 EX 2689

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FINCH CHARMIAN L R V C THORNCREST VILLAGE ISLINGTON ONT	B A 4 UN 0107
FINDLAY DAVID WILLIAM 5311 TRANS ISLAND MTL 2310 CORNWALL ST VANCOUVER B C	D D S 4 DE 2392
FINDLAY DONALD U 216 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B ENG MET 5 AT 6744
FINDLAY FRANCIS C 549 NOTRE DAME AVE ST LAMBERT QUE	B A 2
FINDLAY HUGH THOMAS 4922 WESTMORE AVE N D G MONTREAL QUE	B SC 4 EL 9503
FINDLAY INA JEAN R V C BOX 420 TIMMINS ONT	B A 1 UN 0107
FINDLAY JOAN MARY 216 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B A 2 AT 6744
FINDLAY WILLIAM R 3474 MCTAVISH ST MTL CARLETON PLACE ONT	B ENG 1 MA 7268
FINE GLORIA CECILE 5356 BRODEUR AVE MONTREAL 28 QUE	B A 2 EL 5243
FINK NAPOLEON R 629 PRINCE ARTHUR ST W MONTREAL QUE 211 FLORENCE ST OTTAWA ONT	MD CM 2
FINKEL RHODA MANNIE 4540 CLARK ST APT 6 MONTREAL 16 QUE	B A 3 PL 7555
FINLAYSON JEAN ANNE MACDONALD COLLEGE 340 STEWART ST OTTAWA ONT	B SC H EC 1
FINLAYSON MARY RUTH MACDONALD COLLEGE 340 STEWART ST OTTAWA ONT	B SC H EC 1
FINLEY ALAN HOWARD DOUGLAS HALL 320 COTE ST ANTOINE RD MONTREAL 6 QUE	MD CM 2
FINLEY RUSSELL H 3508 UNIVERSITY ST MONTREAL QUE	B D 3 BE 0752
FIORITO DOMINIQUE 7197 DROLET STREET MONTREAL QUE	L MUS 3 CA 2280
FIRTH DAVID ROSS 7824 DUROCHER AVE MONTREAL 15 QUE	B SC P E 4 CA 4002
FIRTH JOHN MELVILLE MACDONALD COLLEGE 7794 QUERBES AVE MONTREAL 15 QUE	B SC AGR 4
FISCH MANDEL 2135 VAN HORNE AVE MTL 591 BEDFORD AVE BROOKLYN N Y U S A	B S W 1 AT 8317
FISCHER ROY HARRISON MERRYWOOD DR HUTTON PK WEST ORANGE N J U S A	B COM 2
FISH DIANA ELAINE 598 ARGYLE AVE WESTMOUNT QUE	B SC 1 FI 3498
FISH MICHAEL JAMES 598 ARGYLE AVE WESTMOUNT QUE	B SC 1 FI 3498
FISH MILDRED 660 QUERBES AVE OUTREMONT QUE	B A 3 TA 0811
FISH MURIEL FRANCES MACDONALD COLLEGE 327 ST FRANCOIS XAVIER THREE RIVERS QUE	B SC H EC 4
FISHER ELAINE FRANCES 3525 GREY AVE N D G MONTREAL QUE	B SC 1 DE 1298
FISHER GEORGE ROBERT 12 MELBOURNE AVE WESTMOUNT QUE 2284 DORCHESTER WEST MONTREAL QUE	B C L 1 WE 2530
FISHER JOHN PHILIP 56 BELVEDERE CIRCLE MONTREAL QUE	B ENG MCH 5 FI 1411
FISHER MARILYN T R V C BOURLAMAQUE QUE	B SC 2 UN 0148
FISHER MARJORIE JEAN MACDONALD COLLEGE 4211 KENSINGTON AVE N D G MONTREAL QUE	TCH ELEM 1 EL 1417
FISHER MARTHA JUNE 56 BELVEDERE CIRCLE	B SC 3 FI 1411
FISHER MARY LOUISA 642 VICTORIA AVE MTL R R NO 1 AUSTIN QUE	MD CM 2 EL 5403
FISHER ROBERT W MACDONALD COLLEGE STE ANNE DE BELLEUVE QUE	PH D 3
FISHMAN JOSEPH 4783 MAPLEWOOD AVE MONTREAL QUE	MD CM 1 EX 8318
FISHMAN SHEROLD 631 PRINCE ARTHUR ST APT 3 MONTREAL QUE	PH D 3 MA 4055
FISKE CLARENCE A S MARTINTOWN ONTARIO	B C L 2
FISKELL JOHN GARTH MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 4
FITTS ROBERT A 1526 CRESCENT ST MTL 63 MAPLE AVE CHAPPAQUA N Y U S A	B SC 4 BE 1994
FITZ GERALD BRUORTON R 3508 UNIVERSITY ST MTL FAIRVIEW TRINITY EAST TRINITY BAY NFLD	MD CM 2 BE 0752
FITZGERALD DAVID J 3449 HUTCHISON ST MONTREAL QUE	B ENG MCH 5 UN 1595
FITZGERALD GEORGE 5436 JEANNE MANCE ST MTL 1154 ELM AVE WINDSOR ONT	B COM 2 VI 8045
FITZHARDINGE PAMELA M 31 UNION BLVD ST LAMBERT QUE	B SC 3
FITZPATRICK JAMES C MACDONALD COLLEGE DEMERS CENTRE QUE	AGR DIP 1
FITZPATRICK JOHN M MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE	PARTIAL 0
FITZPATRICK TERENCE J MACDONALD COLLEGE 30 HELENA ST OTTAWA ONT	B SC AGR 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FITZSIMMONS MURRAY C 6642 MCLYNN AVE MONTREAL QUE	B COM 1 EX 4841
FLACK KATHLEEN I M 5801 COTE ST LUC RD APT 4 HAMPSTEAD QUE	M A 1 EL 5890
FLAMER ARTHUR AARON 4899 ST LAWRENCE BLVD MONTREAL QUE	B ARCH 4 LA 9569
FLANAGAN CLARE E 659 GROSVENOR AVE WESTMOUNT QUE	B A 1 EL 6865
FLANAGAN JOHN PETER MACDONALD COLLEGE 659GROSVENOR AVE WESTMOUNT QUE	B SC AGR 3
FLANDERS LEON B 1730 DORCHESTER ST W APT 28 MONTREAL QUE BOX 42 GRASMERE N H U S A	B SC 2
FLANDERS PAULINE M 4042 MARLOWE AVE N D G MONTREAL QUE	B A 1 EL 8051
FLEET PATRICIA I 1455 DRUMMOND ST APT 709 MONTREAL QUE	PARTIAL 0 PL 7415
FLEISCHER PAUL E 5301 HUTCHISON ST MTL MONTREAL QUE	B ENG 1 DO 5846
FLEISCHMAN RONA ADELE 5143 WESTBURY AVE MONTREAL QUE	B A 1 AT 7685
FLEMING ARTHUR B 430 PRINCE ARTHUR ST W APT 5 MONTREAL QUE 224 BEHNSEN ST NELSON B C	B ENG MI 5 PL 3609
FLEMING LORNA EUNICE MACDONALD COLLEGE DUNDEE QUE	B SC H EC 1
FLEMING RICHARD G 4468 HARVARD AVE MTL 96 JAMES ST EAST BROCKVILLE ONT	B SC 4 DE 4027
FLETCHER ELDON L FAIRVILLE R R 2 ST JOHN CO N B	B ENG CH 4
FLINTOFT JOHN D 3500 RIDGEWOOD AVE APT 201 MONTREAL QUE	B ENG CI 5 EX 1307
FLORAKAS SOPHIE 918 ST LAWRENCE BLVD MONTREAL QUE	B A 1 BE 1682
FLOREANI DOUGLAS B 776 OGILVY AVE MONTREAL QUE.	B ARCH 2 CA 7167
FLOWER LOUIS GEORGE 5457 ST URBAIN ST MONTREAL QUE	B SC 3 CR 0076
FLUET CLAIRE ANITA R V C 362 DELORAINE AVE TORONTO ONT	B SC 4
FLUMERFELT GEORGE W 2181 MARCIL AVE N D G MONTREAL QUE	B ENG MI 4 DE 3724
FOCHS NATALIE LI C 383 ROSLYN AVE WESTMOUNT QUE	B C L 1 DE 3181
FOLKINS LEONARD P MACDONALD COLLEGE R R 4 NORTON N B	B SC AGR 3
FOLTIN MARTIN 5781 COTE ST LUC RD APT 14 HAMPSTEAD QUE	B COM 1 WA 1606
FONTAINE ARTHUR R 495 PRINCE ARTHUR W MTL ROUTE 67 BOX 81 MANCHESTER N H U S A	B SC 3 MA 4337
FOOKS FLORENCE R R V C 25 COURT DRIVE WILMINGTON DELA U S A	B A 2 UN 0278
FOOT HERBERT WRAY 3429 PEEL ST MTL 53 GILHOLM AVE GALT ONT	B ENG CI 5 PL 7385
FORBES ALBERTO M DOUGLAS HALL CASILLA 2191 SANTIAGO CHILE	B COM 1
FORBES COLIN EDWARD 3445 PEEL ST MTL 18A DUKE ST KINGSTON JAMAICA B W I	B SC 4 HA 9462
FORBES LAWRENCE L R 4541 OLD ORCHARD AVE N D G MONTREAL QUE	B SC P E 3 EL 3856
FORD CLIFFORD 50 ALEDIN AVE VILLE LA SALLE QUE	B SC 2 HE 1498
FORD JOHN DANIEL MACDONALD COLLEGE 7 CANARY RD STRATHMORE MTL QUE ★23	B SC AGR 3
FORDE MERCIA P R V C 407 WILBROD ST OTTAWA ONT	B A 4 UN 0206
FORGET LUCIE 3452 VENDOME AVE MONTREAL QUE	M A 1 DE 8083
FORGET MAURICE E 2107 CARDINAL ST VILLE EMARD MTL QUE	B COM 1 FI 9920
FORGUS RONALD HENRY 3536 DUROCHER ST MTL 1 KEPPEL ST WOODSTOCK CAPE SOUTH AFRICA	M SC 1
FORREST ARCHIBALD 785 4TH AVE VERDUN QUE	B C L 3 YO 6854
FORSTER GEORGE VERNON 10 ST GEORGE S PLACE WESTMOUNT QUE	B COM 3 DE 1628
FORSTER JEAN ANNA MACDONALD COLLEGE 4405 WELLINGTON ST VERDUN QUE	B SC H EC 4
FORSTER MARY NANCE 10 ST GEORGE S PLACE WESTMOUNT QUE	PHYSIOTH 2 DE 1628
FORSYTH PETER ALLAN 5767 DOUSSIN AVE APT 3 MONTREAL QUE 375 2ND ST S E MEDICINE HAT ALTA	PH D 3
FORTH DAVID SELWYN 3473 UNIVERSITY ST MTL 113 MAPLE AVE OAKVILLE ONT	B A 2 MA 4902
FORTIER GEORGE L 5390 DUROCHER AVE MONTREAL 8 QUE	MD CM 3 DO 2619
FORTIER RONALD FRED 5390 DUROCHER AVE OUTREMONT QUE	B ENG EL 4 DO 2619

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FORTIN J B G 6735 DE LA ROCHE ST MONTREAL QUE	B ENG MCH 4 CR 1485
FOSTER GEORGE WILLIAM 438 MERTON AVE ST LAMBERT QUE	B ENG 1
FOSTER LEOPOLD Z 403 ST JOSEPH S BLVD W OUTREMONT QUE	B A 1 CA 0984
FOSTER MELVIN LEWIS 5500 VICTORIA AVE APT 11 MONTREAL QUE	B ENG CH 5
FOSTER RODERICK C 57 BELVEDERE CIRCLE MONTREAL QUE	B COM 2 FI 8190
★24 FOTHERGILL ALAN 26 WICKSTEED AVE TOWN OF MOUNT ROYAL QUE	B SC 4 AT 2377
FOTHERGILL NOEL O HUDSON QUE	M SC 2
FOTHERINGHAM JOHN B 5 ST GEORGES PLACE WESTMOUNT QUE	MD CM 1 EL 0892
FOUNTAIN CHARLES W 521 PRINCE ARTHUR ST W MONTREAL QUE 72 LONDON ST SHERBROOKE QUE	MD CM 4 HA 1839
FOWLER EVAN LEWIS 462 GREENOCH AVE TOWN OF MOUNT ROYAL QUE 26 ELGIN ST GRANBY QUE	B ENG MCH 4 AT 5662
FOWLER MALCOLM D 350 WILLOWDALE AVE APT 23 MONTREAL 26 QUE	B ENG MCH 5 AT 8860
FOWLER VICTOR BLISS 5165 SHERBROOKE ST W N D G MONTREAL QUE	MD CM 4 DE 3258
FOX EDWARD JOSEPH 1849 DORCHESTER ST W APT 6 MTL QUE 43 FRASER ST QUEBEC CITY QUE	D D S 4
FOX ELINOR MARGARET 4051 HARVARD AVE N D G MONTREAL QUE	B A 3 DE 9633
FOX FREDERICK GERALD 1849 DORCHESTER ST W MTL 43 FRASER ST QUEBEC CITY QUE	B A 2
FOX MARION DOUGLAS 4047 KENT AVE MONTREAL QUE	GRAD QUAL 1 EX 5645
FOX SHEILA MAUREEN 4051 HARVARD AVE N D G MONTREAL QUE	B A 4 DE 9633
FOYLE, WILLIAM LOUIS 127 CLANDEBOYE AVE MTL BOX 144 ST JOSEPH D ALMA LAKE ST JOHN QUE	B ENG EL 5
FRAIKIN CLAIRE M L 4055 VAN HORNE AVE COTE DES NEIGES QUE	PHYSIOTH 1 AT 5247
FRAIN EVELYN E 1461 MOUNTAIN ST APT 42 MONTREAL QUE ROSSER MAN	GR N CERT 1 MA 5108
FRANCESCHELLI FRANK 7734 QUERBES AVE APT 3 MONTREAL QUE	B ENG MCH 4 VI 7015
★25 FRANCOEUR ANDREE M T 5312 PAPINEAU AVE MONTREAL 34 QUE	PARTIAL 0 AM 8130
FRANCOEUR JOSEPH MARC 2058 VICTORIA ST MONTREAL QUE	M SC 1 MA 7092
FRANCOEUR PEARL G 2058 VICTORIA ST MONTREAL QUE	PARTIAL 0 MA 7092
FRANK ALLAN BARRY 5406 GROVE HILL PLACE MONTREAL QUE 40 PRICE ST KENOGAMI QUE	B SC 2 EL 2095
FRANK ARLEN WALKER 4660 BEACONSFIELD AVE N D G MONTREAL QUE THE ROYAL BANK OF CAN CAIXA POSTAL 65 B SAO PAULO BRAZIL	GRAD QUAL 1 WA 2540
FRANK ELEANOR 4415 CIRCLE RD MONTREAL 6 QUE	B A 1 AT 3533
FRANK GERALD LOUIS 6624 MCLYNN AVE MONTREAL QUE	B A 1 EX 4000
FRANK SIDNEY IRWIN 2105 DECARIE BLVD APT 4 N D G MONTREAL QUE	B COM 1 DE 1853
FRANK ROBERT WARREN PRESBYTERIAN COLLEGE BOX 754 YARMOUTH N S	B ENG EL 4
FRANKEL SAUL 6060 DARLINGTON AVE MONTREAL QUE	M A 1 EX 6948
FRANKLIN ARTHUR E 1244 MANSFIELD ST MONTREAL QUE	PH D 3 LA 6827
FRANKLIN MARTIN HENRY 504 ROSLYN AVE WESTMOUNT QUE	B C L 3 DE 0753
FRASER ALBERT SCOTT 174 EDGEHILL RD WESTMOUNT QUE	B COM 4 WA 3071
FRASER AUDREY JOYCE MACDONALD COLLEGE BOX 305 MORRISBURG ONT	B SC H EC 4
FRASER BARBARA G R V C 10 GOULBOURN AVE OTTAWA ONT	B A 1 UN 0168
FRASER DAVID CHARLES 3851 UNIVERSITY ST MTL 10 GOULBURN AVE OTTAWA ONT	MD CM 4
FRASER DORIS SARAH MCLENNAN HALL DUNDEE HUNTINGDON CO QUE	B F A 3
FRASER DUNCAN C 57 ROSEMOUNT CRESCENT WESTMOUNT QUE	B A 4 FI 2297
FRASER EDWARD MORGAN 5 YORK AVENUE WESTMOUNT QUE 462 PLEASANT ST NEW GLASGOW N S	B ENG MCH 4
FRASER IAN CAMPBELL MACDONALD COLLEGE MORRISBURG ONT	B SC AGR 2
FRASER IRVING GRAHAM 4020 BARCLAY AVE APT 1 MONTREAL QUE 434 PLEASANT ST NEW GLASGOW N S	B ENG CI 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FRASER JAMES A 4210 WESTERN AVE MTL MINE HILL RD FAIRFIELD CONN U S A	B A 2 WI 2270
FRASER JOAN COLL 174 EDGEHILL RD WESTMOUNT QUE	B COM 1 WA 3071
FRASER JOHN SMITH 209 LAZARD AVE TOWN OF MOUNT ROYAL QUE	B SC 1 AT 0141
FRASER MARY CONSTANCE 82 VICTORIA ST PORT HOPE ONT	M S W 1
FRASER ROBERT JAMES SHAUNAVON SASK	D D S 4
FRASER WILLIAM M 2150 TUPPER ST MTL PORT DANIEL STATION QUE	B ENG CI 4 WE 9307
FRAZIER ROBERT WALTER 3434 MCTAVISH ST MTL COLONIAL HEIGHTS MERIDEN CONN U S A	B SC 4 PL 4492
FRECK MERRILL DEAN 115 EAST WATER ST OAK HARBOR OHIO U S A	MD CM 1
FREDERICK HAROLD T 3428 JEANNE MANCE APT 5 MONTREAL QUE	MD CM 1
FREDERIKSEN WILFRED 419 PRINCE ARTHUR ST W MONTREAL QUE 1010 PALMERSTON AVE WINNIPEG MANITOBA	B ENG MCH 5 HA 1088
FREEBOROUGH DINAH M 3489 VENDOME AVE N D G MONTREAL QUE	B A 1 EL 0872
FREEDMAN ARTHUR N 4832 VICTORIA AVE MONTREAL QUE	B A 4 DE 1881
FREEDMAN LAWRENCE 363 MAYOR ST APT 4 MONTREAL QUE	B A 1 MA 2040
FREEDMAN MARLYN FRAN MACDONALD COLLEGE 2530 VAN HORNE APT 8 MONTREAL QUE	TCH ELEM 1
FREEDMAN MORTON 363 MAYOR ST MONTREAL 2 QUE	B SC 3 MA 2040
FREEDMAN SAMUEL O 658 MURRAY HILL WESTMOUNT QUE	MD CM 2 EL 4931
FREEDMAN THEODORE H 4999 VICTORIA AVE MONTREAL QUE	PARTIAL 0 EX 4492
FREEZE HOWARD FRANK 495 PRINCE ARTHUR ST 2136 HOPE ST CALGARY ALTA	B SC 4 LA 3528
FRENCH DONALD HERBERT 135 51ST AVE LACHINE QUE	B SC 1
FRENCH GEORGE P COURT RESIDENCE HARBOUR GRACE NFLD	D D S 3
FRENETTE JOSEPH N 28 ST ANN ST PTE AUX TREMBLES QUE	B ENG MCH 4 CL 4401
FRENETTE ORVILLE 3725 BASSETT ST MTL 212 ARMSTRONG ST OTTAWA ONT	B C L 1 HA 5979
FREW SHIRLEY ANN R V C GRAND FALLS NFLD	B SC 1
FREWIN ROBERT THROSBY 16 NORTHCOTE RD HAMPSTEAD QUE	B COM 3 DE 1533
FRIARS GERALD WINSTON MACDONALD COLLEGE SUSSEX N B	B SC AGR 4
FRIDHANDLER LOUIS 4641 CLARK ST MONTREAL 2 QUE	M SC 2 LA 0616
FRIDRIKSSON JON 2189 CLIFTON AVE N D G MONTREAL QUE	B ENG 1
FRIEDMAN ALAN LEONARD 4745 MERIDIAN AVE MONTREAL QUE	B COM 2 DE 1551
FRIEDMAN HORACE 3360 RIDGEWOOD RD APT 11 MONTREAL QUE	B C L 3 EX 1370
FRIEDMAN IRVING 6317 DE VIMEY AVE MONTREAL QUE	B ENG MCH 3 EX 3118
FRIEDMAN JERRY J 4373 WESTMOUNT AVE WESTMOUNT QUE	B COM 2 DE 4943
FRIEDMAN JOSEPH AARON 4887 PARK AVE MONTREAL QUE	B A 3 CA 9289
FRIEDMAN LEON 5787 PLANTAGENET AVE MONTREAL 26 QUE	B SC 2 EX 9042
FRIEDMAN MELVIN 4887 PARK AVE MONTREAL 8 QUE	B ENG EL 5 CA 9289
FRIEDMAN MYRNA 4373 WESTMOUNT AVE WESTMOUNT QUE	B A 2 DE 4943
FRIEDMAN ROBERT H 6016 HUTCHISON ST APT 1 OUTREMONT QUE	B SC 1 DO 7254
FRIEDMAN WILFRED A DOUGLAS HALL BOX 622 GRIMSBY ONT	MD CM 2
FRIEDMAN WILFRED M 5481 QUEEN MARY RD APT 8 MONTREAL QUE	B A 3 DE 1808
FRIEND GREGORY WILSON HALL TYRONE ONT	B A 3
FRISCH JOHN FRANCIS WILSON HALL P BOX 133 TEMISKAMING QUE	B ENG MCH 4 UN 0267
FRISCH MARY DOROTHY 3335 RIDGEWOOD AVE MONTREAL QUE	B A 1 AT 9734
FROM PAUL C 341 MIDLAND AVE PARAMUS N S	B A 4
FROSSARD ALBERT F 331 CLARKE AVE APT 42 WESTMOUNT QUE	B ENG 2 WI 5289
FROSST DAVID GORDON 67 SUNNYSIDE AVE WESTMOUNT QUE	B ENG 1 EL 1717
FROSST DONALD S 3050 TRAFALGAR AVE MONTREAL QUE	B SC 1 FI 5014
FROST VIOLET E 42 BURTON AVE WESTMOUNT QUE	MD CM 4 DE 2557

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NAME ADDRESS	COURSE & YEAR TEL. NO.
FRY JOHN GILBERT S 16 THORNHILL AVE WESTMOUNT QUE	B A 4 FI 3633
FRYE GORDON DICKSON 3473 UNIVERSITY ST MTL 221 32 FAIRBURY AVE QUEENS VILLAGE 8 N Y	B D 1 MA 4902
FUENTES ALBERTO WILSON HALL C O GUATEMALAN CONSULATE 1468 BISHOP ST MONTREAL QUE	B A 4
FUJIMAGARI TAKETOMO 3610 DUROCHER ST MTL TABER ALTA	B SC 3 HA 2472
FULFORD WILLIAM R THEOLOGICAL COLLEGE 964 6TH AVE E OWEN SOUND ONT	B COM 2 HA 4873
FULLER VIVIAN MAE R V C 24 WILSON AVE SCHENECTADY N Y U S A	B SC 3
FULLERTON HENRY D 3653 UNIVERSITY ST MTL 100 BAGOT ST COBOURG ONT	M SC 1 PL 2073
FULTON GEORGE WILLIAM 62 8TH AVE IBERVILLE QUE	B ENG EL 5
FUNES CARLOS JACK 8 AVE S 21 SAN SALVADOR	B ENG MCH 4
FUNG A LING WHITTINGTON 3602 DUROCHER ST APT 3 MONTREAL QUE 56 ANIRA & NEW GARDEN ST GEORGETOWN BR GUIANA	B SC 3
FURLONG GLADYS E 584 INVERNESS AVE TOWN OF MOUNT ROYAL QUE	B S W 1
FURLONG JOHN KENNETH 5685 HUTCHISON ST MONTREAL QUE	B ENG CH 5 VI 5773
FURSE GEORGE ARMAND 4095 COTE DES NEIGES RD APT 20 MONTREAL QUE	B A 1 FI 1052
FURST MAX JR 10351 LILLE AVE MTL P O BOX 80 SAN PEDRO SUL HONDURAS C A	B ENG CI 3 DU 5949
FUSEY ROBERT ERNEST 89 GUILLOUME ST LONGUEUIL QUE	B C L 2
FYLES RICHARD ALBERT 88 KING S RD VALOIS QUE	B ENG 2

G

GADBOIS DENISE L 860 SHERBROOKE ST E MTL DORION VAUDREUIL QUE	B A 4 CH 6542
GADBOIS PIERRE 1558 PINE AVE W MTL 62 RUSSELL AVE OTTAWA ONT	PH D 3
GAETZ HAROLD PARRY 3419 DRUMMOND ST MTL LAUREL HEIGHTS SHELTON CONN U S A	B SC 2 LA 2695
GAGE JOSEPH WILFRED 534 SHERBROOKE ST W MTL 30 MESSER ST LACONIA N H US A	PARTIAL 0 PL 0757
GAGNIER ROGER JOSEPH 41 TULLY ST VALLEYFIELD QUE	B COM 1
GAGNON GEORGES R 601 GOUNOD ST MONTREAL QUE	B COM 3 VI 4466
GAGNON JOSEPH JEAN W 285 OUTREMONT AVE OUTREMONT QUE	B C L 3
GAGNON THOMAS ALFRED 601 GOUNOD ST MONTREAL QUE	B COM 2 VI 4466
GAGNON VINCENT JOSEPH 1045 MT ROYAL BLVD OUTREMONT QUE	B COM 1
GAHAN TERRY ANN 4378 WESTERN AVE WESTMOUNT QUE	B A 1 WE 1274
GAHERTY WILLIAM DENIS 636 SYDENHAM AVE WESTMOUNT QUE	B ENG 1 DE 2402
GALBRAITH JOHN A 407 ELGIN ST APT 25 OTTAWA ONT	PH D 2
GALEY NORMAN CHARLES 2291 BEACONSFIELD AVE N D G MONTREAL QUE	B A 3 EL 5988
GALIPEAU JOHN F 6690A CHRISTOPHE COLOMB MONTREAL QUE	B ENG 2 VI 7833
GALLAMORE WILLIAM A MACDONALD COLLEGE 406 N PLEASENT ST AMHERST MASS U S A	M SC 2
GALLAY ROLLIN L 149 ST JOSEPH ST W MONTREAL QUE	B A 1 CR 2667
GALLAY RONALD EDWARD 4076 MARCIL AVE MONTREAL QUE	B COM 1 DE 9745
GALLER BEATRICE H 4869 VICTORIA AVE MONTREAL QUE	B A 3 EL 0[illegible]85
GALLER MARKUS 544A CASGRAIN AVE MONTREAL 14 QUE	B ENG 1 GR 2801
GALLEY JOAN GERTRUDE R V C 111 SOUNDVIEW AVE WHITE PLAINS N Y U S A	B A 2 UN 0038
GALLOP CHRISTOPHER MACDONALD COLLEGE 709 NELSON HOUSE DOLPHIN SQ LONDON ENG	AGR DIP 2
GAMBLE ERNEST GEORGE MCMASTERVILLE QUE	B ENG MCH 4
GAMEROFF MARION B 736 WILDER AVE OUTREMONT QUE	B A 2 AT 1577
GANSNER NORMAN C 4007 7TH AVE VILLE LASALLE QUE	B ENG EL 4 HE 1510
GANTER ELTON L 3509 HUTCHISON ST APT 3 MONTREAL QUE EVANS MILLS N Y U S A	MD CM 3
GARAND JOSEPH J 39 STE ANNE ST STE ANNE DE BELLEVUE QUE	B COM 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GARBER EILEEN E 4750 DUPUIS AVE APT 57 MONTREAL QUE	M S W 2 Ex 0761
GARBER HARRY Y 4338 MONTROSE AVE WESTMOUNT QUE	B A 4 WE 5882
GARBER RALPH 4750 DUPUIS AVE APT S1 MONTREAL QUE	M S W 2 Ex 0761
GARBER SEYMOUR S 4249 ESPLANADE AVE MONTREAL QUE	B A 2 BE 1257
GARBUZ ASHER 5614 WAVERLY ST MONTREAL QUE	B COM 2 VI 9280
GARCEAU BERNARD P 538 PRINCE ARTHUR ST MTL 201 9TH ST GRAND MERE QUE	B ENG EL 5
GARCEAU JEAN 697RA DE NORMANVILLE ST MONTREAL QUE	B COM 1
GARDAVSKY BORIS 690 SHERBROOKE ST W MTL 550 STANSTEAD AVE TOWN OF MOUNT ROYAL QUE	B ENG MCH 5 LA 2247
GARDERE YVES JEAN 144 RUE BEAUDET VILLE ST LAURENT QUE	B COM 2 BY 8155
GARDINER LORNE M MACDONALD COLLEGE 291 SECOND AVE OTTAWA ONT	M SC 1
GARDINER VIOLET E MACDONALD CO3LEGE BOX 58 LEMBERG SASK	B SC AGR 3
GARDNER ANN MORELAND 6 MURRAY AVE WESTMOUNT QUE	B A 3 DE 0239
GARDNER DONALD S P MACDONALD COLLEGE 4872 COTE DES NEIGES RD APT 3 MONTREAL 26 QUE	B SC AGR 3
GARDNER ISABELLA M E MACDONALD COLLEGE 313 GROSVENOR AVE WESTMOUNT QUE	B SC H EC 4
GAREAU JOHN MARTIN 3633 OXENDEN AVE MTL 2330 SMITH ST REGINA SASK	B SC 3 LA 6896
GAREAU RICHARD NORMAN 3485 MCTAVISH ST MTL 2330 SMITH ST REGINA SASK	B COM 3 BE 0424
GAREAU URBAN PAUL F 3647 UNIVERSITY ST MTL 2330 SMITH ST REGINA SASK	MD CM 2 MA 2806
GARFIELD DAVID C 357 CLARK AVE WESTMT 1109 RIDGEWOOD AVE AMES IOWA U S A	M A 1 WI 4402
GARGAS JOHN 1131 ST JOSEPH BLVD APT 3 MONTREAL QUE	M ENG 1 DO 2924
GARMAISE ARTHUR F 4266 ROYAL AVE MONTREAL 28 QUE	B C L 3 EL 8170
GARNEAU JEAN CLAUDE 5249 FABRE ST MONTREAL QUE	B ENG CI 3 AM 3886
GARRY YVONNE E 5245 COTE ST LUC RD APT 30 MONTREAL 28 QUE	B A 3 DE 3894
GASPER MARY LOUISE MACDONALD COLLEGE 376 ST JOSEPH BLVD HULL QUE	B SC H EC 4
GATES KENNETH A F 808 UPPER LANSDOWNE AVE WESTMOUNT QUE	B C L 1 EL 8690
GAUDET GERALD JOSEPH 5775 DECARIE BLVD MTL 240 LUTZ ST MONCTON N B	B ARCH 4
GAUDET LESTER PRESTON 3207 APPLETON AVE MTL 104 GRANVILLE ST SUMMERSIDE P E I	B ENG CH 5
GAUDETTE JACQUES A 1933 MACKAY ST MTL 207 BOUTHILLIER ST ST JOHNS QUE	MD CM 1
GAUDETTE ROCK 4871 BARCLAY AVE APT 5 MONTREAL QUE	B ENG MCH 3
GAUDIANO MARIO 4805 ST URBAIN ST MTL P O BOX 1912 PANAMA R P	B SC 2 BE 2100
GAUDREAU JACQUELINE 775 RACHEL ST E MONTREAL QUE	B COM 1 CH 9881
GAULEY LESTER DAVID 7337 BOYER ST MTL KILMAR QUE	B SC 3 CR 1049
GAULT MATHEW HENRY 3550 PEEL ST APT 1 MONTREAL QUE	MD CM 1 BE 0261
GAULT WALDEN T 1491 BISHOP ST MTL 344 N STEELE RD W HARTFORD CONN U S A	B SC 2 LA 1096
GAUM ROCHELLE MACDONALD COLLEGE 45 HEELAN ST NEW WATERFORD N S	B SC H EC 1
GAUTHIER JACQUES 1648 THEODORE ST MONTREAL QUE	B ENG 1 CL 9259
GAUTHIER PIERRE J 6414 DECARIE BLVD MONTREAL QUE	B ENG MI 4 AT 7985
GAUTHIER RENE MARCEL 4132 MENTANA AVE MONTREAL QUE	B ENG CI 4 FA 1696
GAUVIN GERALD R 2016 BLEURY ST APT 5 MTL 194 MT PLEASANT ST NEW BEDFORD MASS U S A	B A 4
GAVRILOFF THOMAS J 4201 LINTON BLVD APT 6 MONTREAL QUE	D D S 4
GAY JEAN GWYN 55 CHESTERFIELD AVE WESTMOUNT QUE 10 KILBARRY CRESCENT MANOR PARK OTTAWA ONT	B L S 1 DE 1067
GEAN DAVID ALAN 3681 HUTCHISON APT 34 MONTREAL QUE 4007 ILLINOIS AVE FRESNO CALIF	MD CM 2 UN 4685
GEAREY JOHN EDWARD 6014 PARK AVE MONTREAL QUE	M A 1 CA 3072

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GEE AUDREY MACDONALD COLLEGE 1453 ST URBAIN ST MONTREAL QUE	TCH ELEM 1
GEGG HELEN EDITH R V C GERALDTON ONT	B SC 3
GEGGIE NORMAN STUART DOUGLAS HALL WAKEFIELD QUE	MD CM 1 BE 1656
GEIGER DONALD W 48 BEVERLEY AVE MTL GORE BAY ONT	MD CM 3 EX 1243
GEISERT FREDERICK E DOUGLAS HALL 5063 LK. WASH BLVD SO SEATTLE 8 WASH U S A	MD CM 2
GELBER NAHUM 4912 ISABELLA AVE MONTREAL QUE	B A 2 AT 0811
GELBFARD SAM WILLIAM 546A ST URBAIN ST MONTREAL 14 QUE	M A 1 VI 4121
GEMMILL DONALD L 1520 OUIMET ST APT 32 MONTREAL QUE	MD CM 2
GENDRON LUCIEN JEAN 1430 ST DENIS ST MTL 7009 DE LANAUDIERE ST MONTREAL QUE	PH D 4 MA 5311
GENSER HENRY EGREN 3495 MARLOWE AVE N D G MONTREAL QUE	MD CM 4 WA 9647
GENTLES EARL ROBERT WILSON HALL 734 BERGEN ST NEWARK 8 N J U S A	B ENG CI 3
GEORGE DONALD ARTHUR 331 NOTRE DAME ST ST LAMBERT QUE	B ENG 1
GEORGE GEORGE 3944 MENTANA ST MONTREAL 24 QUE	B ENG 2 FA 5126
GEORGIADES ANDY 3560 JEANNE MANCE ST MTL 26 ROOSEVELT AVE FAMAGUSTA CYPRUS	B A 4 BE 9852
GEORGULAKIS NICHOLAS 2615 ST JAMES ST W MONTREAL QUE	B A 3 FI 0016
GERAGHTY MARK DOUGLAS 3481 PARK AVE APT 3 MTL CASCAPEDIA QUE	M A 1 PL 5923
GERARD MAURICE A MACDONALD COLLEGE R R 4 HUNTINGDON QUE	B SC AGR 2
GERBER RUTH 5304 PARK AVE MTL 1307 MERRIAM AVE NEW YORK CITY N Y U S A	B A 3 VI 9539
GERIN LAJOIE JEAN 285 MCDOUGALL ST MONTREAL QUE	PH D 2
GERIN LAJOIE GUY A J 15 SUNSET AVE OUTREMONT QUE	B ARCH 2 AT 0285
GERMAIN JOSEPH V L 4080 HARVARD AVE MONTREAL 28 QUE	B ENG PHY 3
GERMAIN NORMAN E 8960 ST LAWERENCE BLVD MONTREAL QUE 201 PRINCETON BLVD LOWELL MASS U S A	B SC 3

NAME ADDRESS	COURSE & YEAR TEL. NO.
GERRIOR DONALD E 3511 UNIVERSITY ST MTL GUYSBORO NOVA SCOTIA	B ENG EL 5 BE 0344
GERRYTS EGBERT 1653 LINCOLN AVE APT 4 MONTREAL QUE	PH D 3
GERSTEIN WILLIAM 5642 HUTCHISON AVE OUTREMONT QUE	B SC 4 DO 3101
GERSTEL SAM 5244 HUTCHISON ST OUTREMONT QUE	B A 4 DO 4410
GERTEL RUTH RACHEL 3843 ARCADE ST MONTREAL QUE	B A 1 PL 6038
GERTLER DAVID 335 CLARKE AVE APT 21 MONTREAL QUE 420 AVE E SO SASKATOON SASK	B COM 3 WE 9460
GERTLER LEONARD 5809 COOLBROOK AVE MONTREAL QUE	PARTIAL 0 EX 0822
GERTLER SYLVIA 335 CLARKE AVE APT 21 WESTMOUNT QUE 420 AVE E SOUTH SASKATOON SASK	B S W 1 WA 8756
GERVAIS ARTHUR JOHN 4330 WILSON AVE MONTREAL 28 QUE	D D S 2 EL 2563
GERVAIS JULIEN J M 2356 MELROSE AVE N D G MONTREAL QUE	B COM 1 DE 4619
GESSER HYMAN 4532 ESPLANADE AVE MONTREAL 14 QUE	PH D 2 BE 8933
GEWURZ GISELA 501 ST CATHERINE RD OUTREMONT QUE	B A 3 CR 6805
GEWURZ WERNER 501 ST CATHERINE RD OUTREMONT QUE	B C L 1 CR 6805
GHANTOUS FRED 7490 WISEMAN AVE MONTREAL 15 QUE	B COM 1 TA 5884
GHENT LILA 456 PINE AVE APT C MONTREAL QUE	PH D 3 PL 5673
GHIMPELMAN FANY F 3300 RIDGEWOOD AVE MONTREAL QUE ★ 26,27	PARTIAL 0 EX 6256
GIBERSON PATRICIA ANNE MCLENNAN HALL P O BOX 690 STELLARTON N S	B S W 1 PL 0044
GIBBS HAROLD CUTHBERT MACDONALD COLLEGE BOX 56 BRIDGETOWN BARBADOS BWI	B SC AGR 4
GIBLIN DENIS RICHARD 3564 UNIVERSITY ST MONTREAL QUE	MD CM 3 LA 8063
GIBSON FRANK BLAKE 2057 DORCHESTER W MTL 2851 SEDGWICK AVE NEW YORK 63 N Y U S A	D D S 1 WE 5956
GIBSON JAMES A 3485 MCTAVISH ST MTL 332 40TH AVENUE S W CALGARY ALBERTA	D D S 4 BE 0424
GIBSON JAMES GRAHAM 2276 GIROUARD AVE N D G MONTREAL QUE	B ENG 2 DE 0990

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GIBSON MARY LYDIA R V C 171 PRESCOTT ST READING MASS U S A	PHYSIOTH 1 UN 0297
GIBSON ROBERT MYLES DOUGLAS HALL STATION HOUSE DUNLOP AYRSHIRE SCOTLAND	M SC 1
GIEDRAITIS VINCENT J DOUGLAS HALL 1173 STANLEY ST NEW BRITAIN CONN U S A	B A 4 HA 7140
GIL IRENE 1594 ELIZABETH AVE MONTREAL QUE	L MUS 1
GILBERT IAN 4665 ROSLYN AVE MONTREAL QUE	B COM 2 EL 3257
GILBERT MARION IRIS MACDONALD COLLEGE BISHOPTON QUE	B SC H EC 2
GILBERT SHEILA P 543 5TH AVE PT AUX TREMBLES QUE	B A 3
GILBERT VERDUN P MACDONALD COLLEGE 314 HALIBURTON ST NANAIMO B C	D D S 4
GILCHRIST WILLIAM A 3683 HUTCHISON ST MTL BELWOOD ONT	B SC 4
GILES CAROLYN E R V C 329 SECOND ST E CORNWALL ONT	B A 3 UN 0206
GILES ESTHER EDMEE R V C 18 LEMESURIER AVE QUEBEC CITY QUE	B A 2 UN 0198
GILES WILLIAM ARTHUR 3557A SHUTER ST MTL 3 CALLE DE TIVOLI Y CAU SUR PROLONG VILLA TRIN GUATEMALA CITY GUATEMALA	B ENG MCH 4 LA 3779
GILL CLAIRE ANN 251 BALLANTYNE AVE APT 17 MONTREAL WEST QUE	B A 1 EL 7440
GILL GEORGIA YVONNE R V C FOSO NEWFOUNDLAND	B SC 4 UN 0088
GILL LESTER DENSMORE 7423 BIRNAN AVE MONTREAL QUE	GRAD QUAL 1 GR 6303
GILL ROBERT M 3542 MARCIL AVE N D G MONTREAL QUE	B C L 3 DE 4835
GILLESPIE JEAN A 5549 QUEEN MARY RD APT 32 MONTREAL QUE	B A 4 EL 2461
GILLETT LAWRENCE B 121 BROCK AVE S MONTREAL WEST QUE	B SC 2 DE 7249
GILLHAM MARY ROSELYN MACDONALD COLLEGE 3850 DRAPER AVE MONTREAL QUE	B SC H EC 4
GILLINGHAM BRUCE D 4292 DORCHESTER ST WESTMOUNT QUE	B COM 3 WE 1217
GILLIS GENE ALAN 756 UPPER LANSDOWNE WESTMOUNT QUE	B SC P E 1
GILLIS MICHAEL FINTAN ST FINTAN S NEWFOUNDLAND	B SC AGR 4
GILLIS ROBERT B 258 SHERBROOKE ST W MTL 2815 HILL PARK CIRCLE MONTREAL QUE	M SC 2 BE 7102
GILLMAN NEIL GARDNER 750 BLOOMFIELD AVE 1 LEMESURIER AVE QUEBEC CITY QUE	B A 1 CA 8422
GILMORE FRANK PETTES 926 ATWATER ST MTL ST CHRYSOSTOME QUE	B D 2 DO 4943
GILMOUR GORDON B P O BOX 37 CHATEAUGUAY BASIN QUE	B SC U P E 4
GILMOUR MARGARET J 5051 GROSVENOR AVE APT 16 MONTREAL QUE	L MUS 3 EX 2416
GILMOUR MEREDITH M 2156 SHERBROOKE ST W APT 89 MONTREAL QUE	B SC 1 FI 1877
GINGRAS GERARD G 5175 HINGSTON AVE N D G MONTREAL QUE	B SC 3 WA 8421
GINSBERG ELSIE 4417 VAN HORNE AVE MONTREAL QUE	B A 4 EX 3014
GINSBERG SALLY ZELDA 773 OUTREMONT AVE OUTREMONT QUE	B A 3 CR 0159
GINSBURG ISAAC 134 ST JOSEPH BLVD W MONTREAL QUE	B ENG 2 CA 2290
GINSHERMAN IRMA 5559 CANTERBURY AVE OUTREMONT QUE	B A 2 AT 7745
GIRARD ANN MARIE 491A PIEDMONT AVE MONTREAL QUE	B A 3 AT 7778
GIRARD KENNETH F 479 PRINCE ARTHUR ST MTL 111 JACKSON AVE COHOES NEW YORK U S A	PH D 2 BE 3290
GIRARD MARC ALFRED 3734 JEANNE MANCE ST MONTREAL QUE 80 THOMPSON ST SPRINGFIELD MASS U S A	D D S 1 HA 0727
GIRI MICHAEL C O KOSSATKING 71 HOLTON AVE MONTREAL QUE	M A 2
GIROLAMI RENATO 3574 JEANNE MANCE ST MTL V MANIAGO N 25 FANNA UDINE ITALY	B ENG AM 4 LA 9695
GIROUX FREDERICK R 5320 BRODEUR AVE N D G MONTREAL QUE	B COM 3 EL 9497
GIRVAN JAMES SINCLAIR 3615 LORNE CRESCENT MTL 404 CARLETON PL W ST JOHN N B	B ARCH 5 HA 9914
GIRVIN GRACE T M 2075 LINCOLN AVE APT 15 MONTREAL QUE 100 STUYVESANT PLACE STATEN ISLAND 1 N Y	PH D 2 GI 2683
GISTRAK ALLAN BERNARD 4606 ST URBAIN ST MONTREAL QUE	B SC 2 PL 2476
GIVNER MORRY LINCOLN 4534 CLARKE ST APT 7 MONTREAL QUE	B SC 1 LA 0990
GLADSTONE ALEX 4105 DE BULLION ST MONTREAL QUE	B ENG PHY 5 HA 2596

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GLADSTONE WILLIAM R 3420 HUTCHISON ST APT 1 MONTREAL 18 QUE 28 TOWNSEND ST WALTON N Y U S A	MD CM 3 UN 2983
GLASER VERA RENEE R V C 17 DEWBOURNE AVE TORONTO 10 ONT	B A 4 UN 0138
GLASGOW STANLEY K MACDONALD COLLEGE 10 BARRACK ST SPANISH TOWN JAMAICA B W I	B SC AGR 2
GLASSFORD AUDREY 1550 MACKAY ST APT 14 MONTREAL QUE BEAVERTON ONT	B A 4
GLASSFORD BERNARD K 1550 MACKAY ST APT 14 MONTREAL QUE BEAVERTON ONTARIO	PARTIAL 0
GLASSFORD PETER B 109 SUNNYSIDE AVE W WESTMOUNT QUE ★28	B COM 2 DE 7974
GLAZER GABRIEL 6182 DUROCHER AVE OUTREMONT 8 QUE	B SC 2 VI 8485
GLEN JOHN MILLS G 355 MELVILLE AVE WESTMOUNT QUE	P A 2 WE 6984
GLENN DUNCAN LUNAM MACDONALD COLLEGE BRISTOL QUE	B SC AGR 2
GLEZOS MATTHEWS 4353 CHARLEMAGNE AVE MONTREAL QUE	B COM 3 TU 3622
GLICKMAN MORTON J 821 PRATT AVE OUTREMONT QUE	B COM 2 EX 7992
GLISERMAN IRWIN 2511 NOTRE DAME ST W MONTREAL QUE	B C L 2 WI 3307
GLOS JERRY LLOYD 120 SHERBROOKE ST W MTL 1826 CENTRAL AVE WINDSOR ONT	B ARCH 2 HA 9856
GLOVER THOMAS W 3615 PRUD HOMME AVE N D G MONTREAL QUE	M A 2 DE 2098
GLUCK BILL 5453 TRANS ISLAND AVE MONTREAL QUE	B A 2 DE 6329
GLYNN MARY LOUISE 4827 WESTMORE AVE N D G MONTREAL QUE	B A 2 DE 1569
GODARD JOHN DEMNY 4810 PATRICIA AVE N D G MONTREAL QUE	B SC 2 DE 7281
GODBER HORTON JAMES 20 ELLERDALE RD HAMPSTEAD QUE	B COM 1 WA 6470
GODDET VICTOR HENRI 696 ABERDEEN AVE WESTMOUNT QUE	B SC 2 WA 1331
GODEL MORRIS 712 ROCKLAND AVE OUTREMONT QUE	B SC 1 CA 5505
GODERFREY ISAAC C MACDONALD COLLEGE NORTH WILTSHIRE P E I	B SC AGR 3
GODIN JOSEPH JEAN GUY 3471 ST CATHERINE ST E MONTREAL 4 QUE	B SC 3 CH 1452
GODIN PIERRE ARSENE 33 GRANVILLE ST HAMPSTEAD QUE	B A 4 EL 3914
GODLEVSKY SAM 1254 STANLEY ST APT 1 MONTREAL QUE	D D S 3 HA 8028
GODWIN KENNETH E 5941 LOUIS HEBERT ST MONTREAL QUE	B ENG CI 4 TA 2807
GOFFMAN IRVING 5229 HUTCHISON ST MONTREAL QUE	B A 1 TA 9173
GOLD EDWARD MICHAEL 7772 STUART AVE MONTREAL QUE	MD CM 2 VI 0532
GOLD MAURICE 741A DE L EPEE AVE OUTREMONT QUE	B C L 1 DO 1954
GOLD SHIRLEY R V C 268 STEWART ST OTTAWA ONT	B A 3 UN 0217
GOLD ROBERT DONALD 2296 KINGSTON AVE N D G MONTREAL QUE	B A 2 DE 7074
GOLD TRUDY 4336 DRAPER AVE N D G MONTREAL QUE	PHYSIOTH 2 WA 1029
GOLDBERG SYBIL NAOMI 47 COTE ST CATHERINE RD OUTREMONT QUE	B A 4 DO 7105
GOLDBERGER LEO 856 DOLLARD AVE OUTREMONT QUE	B A 4 CR 5358
GOLDBLAFF FANNIE 5244 ESPLANADE AVE MONTREAL QUE	PARTIAL 0 CR 9530
GOLDBLOOM RICHARD B 3445 RIDGEWOOD RD APT 408 MONTREAL QUE	MED DIPL 1 AT 3412
GOLDEN AIDA 4875 FULTON AVE MONTREAL QUE	B A 1 EX 6200
GOLDEN SHEILA RUTH 50 BELOEIL AVE MONTREAL QUE	B A 2 CA 7214
GOLDENSON BERNARD 6388 TRANS ISLAND AVE MONTREAL QUE	B SC 1 EX 8457
GOLDFARB MONA MACDONALD COLLEGE 5136 ESPLANADE AVE MONTREAL QUE	TCH ELEM 1
GOLDFARB SOPHIE 1115 LAJOIE AVE APT 5 OUTREMONT QUE	PARTIAL 0 CA 2392
GOLDIE ROBERT WILLIAM 4500 GRAND BLVD APT 5 MONTREAL QUE	B ENG CI 5 WA 9730
GOLDMAN CARL 880 DAVAAR AVE OUTREMONT QUE	B ENG 2 TA 9995
GOLDMAN HARRIET K 5103 LACOMBE AVE MONTREAL QUE	B F A 3 AT 8005
GOLDMAN MARILYN 5433 DUQUETTE AVE MONTREAL QUE	B A 4 DE 9395
GOLDMAN SHIRLEY 3421 PRUD HOMME AVE MONTREAL 28 QUE	PHYSIOTH 2 WA 5804

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GOLDMAN SYDNEY 626 OUTREMONT AVE OUTREMONT QUE	B A 4 CR 0582
GOLDNER JACK 745 ROCKLAND AVE OUTREMONT QUE	M S W 1 CA 6315
GOLDSMAN AARON H 5351 PARK AVE MONTREAL QUE	PARTIAL 0 CA 3596
GOLDSMITH YVETTE M T R V C 4937 CUMBERLAND AVE N D G MONTREAL QUE	B SC P E 4 UN 0217
GOLDSTEIN ETHEL 1588 BERNARD AVE OUTREMONT QUE	B A 1 TA 6601
GOLDSTEIN GORDON 5045 CLARK ST MONTREAL QUE	B SC 2 VI 3546
GOLDSTEIN MINDEL LEE 1923 CLINTON AVE MONTREAL QUE	M S W 1 AT 3194
GOLDWATER RUTH 4572 OLD ORCHARD AVE N D G MONTREAL QUE	B A 2 DE 8668
GOLICK MARGARET 4845 COTE ST CATHERINE APT 10 MONTREAL QUE	M PS SC 2 EX 7222
GOLT MELVILLE DAVID 5139 DUROCHER AVE OUTREMONT QUE	B COM 4 CR 2770
GOLT SHEILA 5139 DUROCHER ST OUTREMONT QUE	B COM 1 CR 2770
GOLTMAN DOUGLAS M 4516 GIROUARD AVE APT 3 MONTREAL QUE	B A 3 EL 8149
GOLUBEVA MARY RASMA 2039 UNIVERSITY ST APT 6 MONTREAL QUE	M S W 1 HA 6141
GOLUBOVSKIS PAUL C O A KRAULIS 1045 VIATEUR ST MONTREAL QUE	B ENG MET 4
GOMERY JOHN HOWARD 59 AINSLIE RD MONTREAL WEST QUE	B A 2 DE 2669
GOMES FRANKLIN G 3546 SHUTER ST MTL 3 SACKVILLE ST PORT OF SPAIN TRIN B W I	B SC 2 PL 0675
GONSALVES FRANCIS I 3508 DUROCHER ST MTL 94 SMYTH ST GEORGETOWN 15 B GUIANA	B SC 2 MA 4352
GONSALVES CLIVE T 3626 LORNE CRESCENT AVE APT 5 MONTREAL QUE	MED DIPL 2 HA 7344
GONTHIER CHARLES D 4522 KENSINGTON AVE N D G MONTREAL QUE	B C L 3 DE 0270
GONTICAS SPYRIDON PRESBYTERIAN COLLEGE 19 DEMOCRITOU ST ATHENS GREECE	B SC 3 BE 0424
GONZALEZ ELIAS NOY C 258 SHERBROOKE ST W MTL DRAGONES 206 EDIF MOVRE HABANA CUBA	B ENG MCH 5 BE 7102
GOODALL ROBERT G W DOUGLAS HALL 3653 UNIVERSITY ST MONTREAL QUE	MD CM 2
GOODENOUGH PATRICK J 3227 CEDAR AVE MTL 806 LAS ROBLES PALO ALTO CALIF U S A	B COM 4 WI 8077
GOODFELLOW HELEN E MACDONALD COLLEGE 218 LAKESHORE RD WOODLANDS QUE	HOMEMAKER 1
GOODGER HILL TREVOR 5010 WESTHILL AVE N D G MONTREAL QUE	B ENG 1
GOODING JOHN T DOUGLAS HALL STRONG HOPE ST THOMAS BARBADOS BWI	MD CM 1 BE 1656
GOODMAN JOAN ESTHER 3756 WESTMOUNT BLVD WESTMOUNT QUE	B A 1 DE 6861
GOODMAN LEILA H 3756 WESTMOUNT BLVD WESTMOUNT QUE	B A 2 DE 6861
GOODMAN MARILYN R 3756 WESTMOUNT BLVD WESTMOUNT QUE	B A 2 DE 6861
GOODWEN BRIAN CAREY 3438 DUROCHER ST MTL STE ANNE DE BELLEVUE QUE	B SC 3 BE 0415
GOODWIN HARVEY S W 4760 ROSLYN AVE MONTREAL QUE	B ENG MCH 3 EL 5498
GOODWIN JAMES ALLISON PRESBYTERIAN COLLEGE 8 GLENVIEW AVE KENTVILLE N S	B ARCH 3
GORDON ALAN JOHN 414 VICTORIA AVE APT 2 WESTMOUNT QUE	B SC 3 WA 4652
GORDON BERNARD I 4927 DECARIE BLVD APT 1 MONTREAL QUE	B A 4 EL 0919
GORDON CHARLES ATHOL SARAGUYA P O MONTREAL QUE	B ENG 2 BY 1518
GORDON HAROLD BORIS 906 DUNLOP AVE OUTREMONT QUE	M A 2 EX 1082
GORDON MORRIS JAY DOUGLAS HALL 139 LAWTON AVE LYNN MASS U S A	B SC 3 UN 0199
GORDON NEIL ERNEST 1245 REDPATH CRESC MTL 95 AQUEDUCT ST S WELLAND ONT	MED DIPL 3 HA 0950
GORDON ROBERT STANLEY 1126 SHERBROOKE ST W MTL 482 ALBERT ST E SAULT STE MARIE ONT	B A 3 PL 0010
GORDON WILLIAM GENERAL DELIVERY STATION H 21 LADY MUSGRAVE RD HALF WAY TREE JAMAICA	B COM 4
GORDY DORIS MARY 7296 DUROCHER ST APT 2 MONTREAL QUE	B A 2 TA 0435
GORESKY CARL ARTHUR 629 PRINCE ARTHUR ST W MONTREAL QUE BOX 36 CASTLEGAR B C	B SC 3 MA 0739
GORHAM ANNE LOUISE MCLENNAN HALL 69 EDWARD ST HALIFAX N S	M SC 1 PL 0044

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GORMAN DANNIE JOSEPH DOUGLAS ONT	B ENG 2
GORMAN WILLIAM ALAN 65 RIVERVIEW AVE VILLE LASALLE MTL QUE	M SC 1
GORNITSKY MERVYN 748 MCEACHRAN AVE OUTREMONT QUE	D D S 2 CA 6007
GOSSAGE ROBERT MCMASTERVILLE QUE	B COM 3
GOSSAGE WILLIAM MCMASTERVILLE QUEBEC	MD CM 2
GOSTIN SELMA MACDONALD COLLEGE 110 ST VIATEUR W MONTREAL QUE	TCH ELEM 1
GOTH JOHN WILLIAM 357 CLARKE AVE WESTMOUNT CLARK SO DAKOTA U S A	M ENG 1 WI 4402
GOTTFRIED ILSE 5030 GROSVENOR AVE MONTREAL QUE	B A 2 EX 6248
GOTTFRIED KURT 5039 GROSVENOR AVE OUTREMONT QUE	B ENG PHY 5 EX 6248
GOTTHEIL FRED MONROE 6116 DUROCHER AVE APT 2 MONTREAL QUE	B A 2 CA 3818
GOTTHEIL LOUIS AUBREY 1501 CHOMEDY ST APT 2 MONTREAL QUE	B ENG CI 5 WE 4678
GOUDREAU JOS ROMEO J 6353 CHABOT ST MONTREAL QUE	B ENG CI 5 TA 8573
GOUGEON ROBERT C 3465 MARLOWE AVE N D G MONTREAL QUE	B ENG 2 WA 9010
GOUIN CHARLES EDWARD VERCHERES QUE	B ENG MET 5
GOUGH GEORGE WILLIAM 3 BURTON AVE WESTMOUNT QUE	B SC 1 WA 4692
GOULANDRIS JOHN D WILSON HALL 6 PATRIARCH JOACHIM ST ATHENS GREECE	B A 4
GOULD DAVID HARDING 568 VICTORIA AVE WESTMOUNT QUE	B A 1 EL 9285
GOULD FRANKLIN MARVIN 3475 RIDGEWOOD RD MTL 32 37 168TH ST FLUSHING N Y U S A	MD CM 3 EX 0834
GOURLAY ROBERT H 3640 HUTCHISON ST MTL 2437 PT GREY RD VANCOUVER B C	MED DIPL 5 MA 8869
GOURLEY JOHN 632 BELMONT AVE WESTMT 2 FARTHINGLOE RD DOVER KENT ENGLAND	B ENG CI 3
GOUROFF SERGE 4626 ROYAL AVE N D G MONTREAL QUE	D D S 4 EL 4702
GOVAN MARGARET D 587 LANSDOWNE AVE WESTMOUNT QUE	B A 3 EL 3481
GOVIER VIRGINIA H 3055 SHERBROOKE ST W APT 42 MONTREAL QUE	B A 1 WI 5659
GOYETTE LOUIS EMILE MACDONALD COLLEGE 147 SPADINA AVE OTTAWA ONT	B SC AGR 4
GRAD GEORGE JOHN 6270 LAURENDEAU ST MONTREAL 20 QUE	B SC 2 HE 6310
GRAEF MARK HAROLD 1125 LAJOIE AVE APT 10 OUTREMONT QUE	B COM 3 TA 4383
GRAFFTEY WILLIAM H 1555 SUMMERHILL AVE MONTREAL QUE	B C L 2 YO 6990
GRAFTON IAN GORDON S 48 BEVERLEY AVE TOWN OF MT ROYAL QUE	MD CM 2 EX 1243
GRAHAM BERNARD F 3450 GREY AVE MONTREAL QUE	M SC 2 WA 8465
GRAHAM CAROLYN MARY MACDONALD COLLEGE 1301 CALEDONIA RD TOWN OF MOUNT ROYAL QUE	B SC H EC 3
GRAHAM DONALD WALTER MACDONALD COLLEGE 5201 CLANRANALD AVE N D G MONTREAL QUE	B SC AGR 3
GRAHAM IAN MICHAEL WILSON HALL DUNHAM MASSEY LODGE ALTOINCHAM CHESHIRE ENG	PARTIAL 0
GRAHAM JAMES MAURICE 5715 DARLINGTON ST APT 3 MONTREAL QUE	B SC 2 AT 8870
GRAHAM LINDSAY A 562 VICTORIA AVE WESTMOUNT QUE	B SC 3 EL 6714
GRAHAM NORMAN JAMES MACDONALD COLLEGE ARUNDEL QUE	AGR DIP 1
GRAHAM PETER EDWARD 6720 SHERBROOKE ST W APT 20 MONTREAL 28 QUE RIVERSIDE DRIVE GRAND MERE QUE	B A 3 EL 5567
GRAHAM ROBERT GRANT 5507 COTE ST ANTOINE RD N D G MONTREAL QUE	B COM 3 DE 0591
GRAHAM VALERIE A 2225 HAMPTON AVE APT 4 MONTREAL QUE	B A 1 DE 3979
GRAHAM WILLIAM R 2193 ADDINGTON AVE MTL 138 ROYAL YORK RD N TORONTO 18 ONT	B COM 1 WA 4916
GRAHAME PETER DALLOS 532 GROSVENOR AVE WESTMOUNT QUE	B SC 4 DE 6574
GRAINGER EDWARD H 350A UNIVERSITY ST MTL BOX 547 MONCTON N B	PH D 3 BE 0752
GRAINGER PETER N MACDONALD COLLEGE GENERAL DELIVERY SYDNEY N S	B SC AGR 4
GRANDA JOHN LOUIS 581A JEANNE MANCE ST MONTREAL QUE	B C L 3 CA 5422
GRANGER ROBERT CLAUDE 440 HOTEL DIEU ST ST HYACINTHE QUE	B ENG 2
GRANSDEN MAX MOORE 3545 UNIVERSITY ST APT 3 MONTREAL QUE TARA ONT	PH D 5 MA 4201

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GRANT GEOFFREY O 767 UPPER LANSDOWNE AVE WESTMOUNT QUE	B COM 2 DE 1568
GRANT GERALD WALLACE WILSON HALL BOX 160 VAL D OR QUE	B SC 1
GRANT IAN CRAIG 545 LANSDOWNE AVE WESTMOUNT QUE	M SC 1 WA 3434
GRANT PARKER LLOYD 24 SALISBURY RD POINTE CLAIRE QUE	B ENG 2
GRANT RAYMONDE 5060 VICTORIA AVE MONTREAL QUE	B A 2 EX 1256
GRANT WALTER VERNON MACDONALD COLLEGE BOX 32 YARMOUTH NORTH N S	B SC AGR 3
GRASBERG EUGENIUSZ 3851 UNIVERSITY ST MONTREAL QUE	M A 1 UN 0068
GRASBERG GABRIEL DOUGLAS HALL	B A 4 UN 0068
GRATTON MARY DIANE 954 HARTLAND AVE OUTREMONT QUE	GRAD QUAL 1 EX 1046
GRATTON PIERRE A 1563 MCGREGOR ST MTL 543 ST PATRICK ST OTTAWA ONT	B ENG CI 4
GRAVEL JEAN JOSEPH O 342 REDFERN AVE WESTMOUNT QUE	B ENG PHY 3
GRAVES FREDERICK T 4740 BARCLAY AVE APT 5 MONTREAL QUE R R 3 BEAMSVILLE ONT	B A 3
GRAVES GLADYS GILDA 3940 COTE DES NEIGES RD MONTREAL QUE LEGAL ALBERTA	B N 2 WE 2484
GRAY CHARLES ANTHONY 3501 WALKLEY AVE MONTREAL QUE	M A 2
GRAY HAROLD EDWARD 717 DUNLOP AVE OUTREMONT QUE	B COM 2 AT 2354
GRAY HERBERT ESER 4393 ESPLANADE AVE MTL 1510 OUELLETTE ST WINDSOR ONTARIO	B COM 3 HA 2950
GRAY JAMES 3590 ST JOSEPH ST LACHINE QUE	B SC 4
GRAY JOHN HAMILTON 4801 GROSVENOR AVE MONTREAL QUE ★30	B ENG MCH 4 EL 7180
GRAYDON PHILIP A 4561 CUMBERLAND AVE N D G MONTREAL QUE	B SC 1 EL 5246
GRAYDON WESTLEY R 4561 CUMBERLAND AVE N D G MONTREAL QUE	B ENG CI 5 EL 5246
GREAVES DAVID RIO 489 GROSVENOR AVE WESTMOUNT QUE	D D S 1 EL 5137
GREEN ELAINE MARY MACDONALD COLLEGE R R 4 COATICOOK QUE	TCH ELEM 1
GREEN GEORGE GRANT 8011 CHAMPAGNEUR AVE APT 6 MONTREAL 15 QUE	B ENG MET 5 DO 9506
GREEN WILLIAM MACDONALD COLLEGE DEER LAKE NFLD	B SC 4
GREENBAUM ISIDORE 3147 VAN HORNE AVE MONTREAL QUE	B C L 3 EX 3149
GREENBERG BENNY 7546 STUART AVE PK EXTENSION MTL QUE	B A 1 GR 3284
GREENBERG GRACE R V C 370 CLARENCE ST OTTAWA ONT	B A 2
GREENBERG JACK SAM 5144 DUROCHER ST MONTREAL QUE	M SC 1 DO 6880
GREENBERG MARLENE R 16 RENFREW AVE WESTMOUNT QUE	B A 1 DE 7147
GREENBLATT JUDITH R 3682 WESTMOUNT BLVD WESTMOUNT QUE	B A 1 DE 3672
GREENBLATT MORTON M 7496 STUART AVE MONTREAL QUE	D D S 1 CR 7682
GREENFELD SHIRLEY 6283 DE VIMY AVE MONTREAL QUE	B A 2 AT 9952
GREENFIELD TEDDY T 5151 DUROCHER AVE OUTREMONT QUE	B COM 1 DO 4013
GREENHORN STANLEY M 3485 MCTAVISH ST MTL 3492 W 35TH AVE VANCOUVER B C	MD CM 2 BE 0424
GREENING ROBERT E 506 PINE AVE W MONTREAL QUE	B ENG 1 LA 5973
GREENSPOON ALEXANDER 921 ROCKLAND AVE OUTREMONT QUE	B ENG CI 5
GREENSTEIN JACK 4927 FULTON AVE MONTREAL QUE	B A 3 AT 0308
GREENSTEIN JUNE 4927 FULTON AVE MONTREAL QUE	B A 2 AT 0308
GREENWOOD FREDERICK A DOUGLAS HALL 133 ONTARIO ST ST CATHARINES ONT	MD CM 1 EL 5894
GREENWOOD STUART W MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M ENG 1
GREER ADELE ELIZABETH MACDONALD COLLEGE BOX 24 ROCK ISLAND QUE	B SC H EC 4
GREETHAM DOUGLAS E 4896 HINGSTON AVE MONTREAL QUE	B ENG 1 EL 3879
GREGOIRE CLAUDE 1463 MACKAY ST APT 5 MONTREAL QUE	B C L 1 LA 4967
GREGOIRE GERVAIS L 3180 MAPLEWOOD AVE MTL ST MAXIME DE SCOTT DORCHESTER CO QUE	B ENG CI 4 AT 1069
GREGOIRE ROGER GILLES 18 LAVAL AVE BERTHIERVILLE QUE	B ENG 1
GREGORY PAUL EDWIN 270 EMERICK AVE FORT ERIE N ONT	B A 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GREGORY ROBERT C 1325 DECARIE BLVD MONTREAL QUE	B ENG MCH 4
GRENIER JEANNE 5211 COTE ST ANTOINE RD APT 7 MONTREAL QUE MONT LAURIER LABELLE CTE QUE	GR N CERT 1 EL 6507
GREULICH RICHARD C 3515 DUROCHER AVE APT 52 MONTREAL QUE 6 HUNTLEIGH RD PIEDMONT 11 CALIF U S A	PH D 2 LA 9107
GRIDLEY MARY E 5660 MONKLAND AVE N D G MONTREAL QUE	B SC 2 DE 8821
GRIEF DAVID DENHAM 186 SIMCOE AVE TOWN OF MOUNT ROYAL QUE	B A 2 EX 0585
GRIER WILLIAM JAMES 8 THORNTON AVE TOWN OF MOUNT ROYAL QUE	B COM 1 AT 0736
GRIFFIN LOIS E MACDONALD COLLEGE 6642 MONKLAND AVE N D G MONTREAL QUE	TCH ELEM 1
GRIFFIN HELEN LENORE 6642 MONKLAND AVE MONTREAL QUE	B A 4 DE 0441
GRIFFIN JOHN ALLEN 3653 UNIVERSITY ST MTL 1407 NANTON AVE VANCOUVER B C	B COM 4 PL 2073
GRIFFIN JOHN ELDON 3609 UNIVERSITY ST MTL 224 7TH STREET NORANDA QUE	MD CM 2 LA 6307
GRIFFIN MARY ELISA R V C CASILLA 2500 LIMA PERU S A	B F A 1
GRIFFITH BARBARA J 3445 NORTHCLIFFE AVE N D G MONTREAL QUE	B ARCH 5 DE 8382
GRIFFITH CHARLES A 1441 DRUMMOND ST MTL 131 PLEASANT ST DARTMOUTH N S	B SC P E 1
GRIFFITH WILLIAM F 455 MOUNT STEPHEN AVE WESTMOUNT QUE	B SC 4 DE 0835
GRIFFITHS PATRICIA A 35 BURTON AVE WESTMOUNT 220 7TH ST SASKATOON SASK	B SC P E 4 WA 4739
GRIFFITHS PETER G V 275 QUERBES AVE OUTREMONT QUE	B SC 2 CR 0277
GRIGANOVICH HELEN E 5920 5TH AVE ROSEMOUNT MONTREAL QUE	B SC 2 VI 5979
GRIMES DOUGLAS R 7484 WISEMAN AVE MONTREAL 15 QUE	B ENG 2 GR 9166
GRIMMETT RICHARD H DOUGLAS HALL 5938 NEWTON WYND VANCOUVER B C	MD CM 1
GRISDALE MARGUERITE MACDONALD COLLEGE R R 1 IROQUOIS ONT	B SC AGR 3
GRIVAKES TASS GEORGE 172 PAGNVELD AVE OUTREMONT QUE	B A 1 DO 9565
GROOME GEORGE R 2020 PATRICIA AVE APT 5 MONTREAL QUE	M ENG 2 WA 7623
GROPER FLORENCE MACDONALD COLLEGE 5432 HUTCHISON ST OUTREMONT QUE	TCH INT 1 CA 7175
GROSS CHARLES FLEMING 27 DECASSON RD MONTREAL QUE	B ENG CI 5 WI 7392
GROSS DOUGLAS S 124 ABERDEEN AVE WESTMOUNT QUE	B COM 4 DE 3921
GROSS FLORENCE 1216 LAJOIE AVE OUTREMONT QUE 550 BATHURST ST APT 6 TORONTO 4 ONT	B S W 1 TA 6825
GROSS GEORGE EMANUEL 4260 DORCHESTER ST WEST WESTMOUNT QUE 820 WEST END AVE N Y 25 NEW YORK U S A	MD CM 2 WE 4413
GROSS GERRY GENE 202 COTE ST ANTOINE RD WESTMOUNT QUE	B A 3 WA 1193
GROSS GLORIA HELEN 2839 WILLOWDALE AVE MONTREAL QUE	B A 2 AT 3705
GROSS JANET R V C 365 CLINTON AVE BROOKLYN 5 N Y U S A	B F A 1 UN 0068
GROSSMAN EDWARD J 5027 ST URBAIN ST MONTREAL. QUE	B A 3 CR 4327
GROSSMAN HARVEY 5031 PONSARD AVE MONTREAL QUE	B A 4 WA 3577
GROSSMITH SEPH W 2057 MCGILL COLLEGE AVE MONTREAL QUE	B ENG EL 5 LA 4292
GROVER DORIS NORMA 5202 WELLINGTON ST VERDUN QUE	B COM 4 YO 8039
GROVER LEONA 27 PAGNUELO AVE OUTREMONT QUE	B SC 4 CA 8585
GROVER SONIA ANN 5202 WELLINGTON ST VERDUN QUE	B COM 1 YO 8039
GROVES TREVOR KEVIN 3424 DRUMMOND ST MTL HEATHWOOD CAMBERLEY SURREY ENGLAND	M SC 1 PL 3497
GRYJ FELICIA 2101 MAPLEWOOD AVE APT 12 OUTREMONT QUE	B SC 4 EX 7985
GUADAGNI NERI 4120 BENNY AVE APT 34 MONTREAL QUE	MED DIPL 3 DE 9211
GUADEY HAILU 550 MILTON ST MTL CO MINISTER OF EDUCATION ADDES ABABA ETHIOPIA	PARTIAL 0 LA 7002
GUALTIERI ANTHONY R 6827 LOUIS HEMON ST MONTREAL 36 QUE	B A 3 TA 5644
GUALTIERI ROSA B 6827 LOUIS HEMON ST MONTREAL QUE	B C L 3 TA 5644
GUAY ROGER 1462 MCGILL COLLEGE AVE MONTREAL QUE R R 1 ST JOSEPH DE LEVIS LEVIS QUE	B ENG CI 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
GUBITZ IRVINE 4123 WESTERN AVE MTL 2301 KINGS HIWAY BKLYN N Y U S A	B A 3 WE 7137
GUDZ ORYET EUGENE 2920 HOLT ST ROSEMOUNT QUE	B ENG EL 4 FR 5300
GUENETT RICHARD R 1724 FOCH CRESC VERDUN 59 LOCUST AVE NEW ROCHELLE N Y U S A	B ENG EL 5 TR 5509
GUERTIN ALLAN GEORGE 335 CLARKE AVE MTL 234 VIMY ST SHERBROOKE QUE	B ENG 2
GUERTIN JOSEPH R 1387 ATHLONE RD TOWN OF MOUNT ROYAL QUE	B ENG CI 5 AT 0639
GUEST VIRGINIA C R V C 2 MUNRO PK AVE TORONTO 8 ONT	B A 2 UN 0088
GUIHAN WILLIAM B 555 VIAU ST MONTREAL QUE	B ARCH 5 CL 8987
GUILLON SILAS JACK 2068 SHERBROOKE ST W MONTREAL QUE	B ARCH 4 FI 8802
GUNDY SHEILA KATHLEEN 30 STRATFORD RD HAMPSTEAD QUE	B A 2 EL 6230
GUNN JACK EMERSON 769 DESMARCHAIS BLVD VERDUN QUE	B ENG MET 5 YO 4033
GUNNARSSON GUDNI K 3777 OXFORD AVE N D G VESTMANNAEYJAR ICELAND	M ENG 1 DE 2542
GUNSTONE LEWIS C 4586 EARNSCLIFFE AVE N D G MONTREAL QUE	B COM 1 EL 2542
GUNTHER MARY ELLEN 521 PRINCE ARTHUR ST MONTREAL QUE 5 MAIN STREET WAPAKONETA OHIO U S A	MD CM 3 HA 1839
GURAVICH JUDAH L 5650 COTE ST LUC RD MONTREAL QUE	MED DIPL 3 WA 9307
GURUSHANTAPPA ETTIGE VERDUN PROTESTANT HOSP LASALLE BLVD MTL QUE	MED DIPL 1
GUSMAN JACK 1336 LAJOIE AVE APT 3 OUTREMONT QUE	B ENG 2
GUSTIN STANLEY T 3615 DUROCHER ST MTL 1734 S WESTMORELAND AVE LOS ANGELES 6 CALIF USA	MD CM 1
GUTELIUS JOHN ROBERT 4643 SHERBROOKE ST W WESTMOUNT QUE	PARTIAL 0 EL 8646
GUTHERZ ZULA B 1245 MOUNT ROYAL BLVD OUTREMONT QUE	B A 3 GR 8641
GUTHRIE DONALD A 3609 UNIVERSITY ST MTL 310 KENSINGTON ST ST JAMES MAN	PH D 3 LA 6307
GUTKNECHT RENE 5325 MCKENNA ST MONTREAL QUE	B A 3 AT 8692
GUTMAN NECHA SARA 1421 BISHOP ST APT 6 MONTREAL QUE	B S W 1 BE 2193
GUTTMAN ARTHUR IRVING 4805 VICTORIA AVE MONTREAL 6 QUE	B COM 2 DE 1609
GUTTMAN FRANK MYRON 651 LANSDOWNE AVE WESTMOUNT QUE	B SC 3 WA 0390
GUTTMAN IRWIN 2700 ST CATHERINE RD MONTREAL QUE	B SC 4 AT 5291
GUTTMAN MITZI MACDONALD COLLEGE 5462 PARK AVE APT 27 MONTREAL QUE	TCH ELEM 1

H

NAME ADDRESS	COURSE & YEAR TEL. NO.
HAAS FREY VERA S H 1583 PINE AVE W MTL LAS CASITAS AVE QUINTA SAN LUIS URB PARAISO CARACAS	PARTIAL 0 WI 7324
HABERL JOHN FRANCIS 32 DUFFERIN RD HAMPSTEAD QUE	B ENG PHY 4 EL 4461
HACKER JAMES E 1122 LAIRD BLVD APT 25 TOWN OF MOUNT ROYAL QUE	B ENG 2 AT 3310
HACKETT DAVID L 3581 UNIVERSITY ST MONTREAL QUE	PARTIAL 0 MA 3842
HACKETT JOSEPH GERARD 1441 DRUMMOND ST MTL 1337 PINE AVE SILLERY QUE	B ENG MCH 5
HACKETT MICHAEL W 4455 KING EDWARD AVE N D G MONTREAL QUE	B C L 2 DE 7567
HACKIE ADELINE DELLA 1124 DORCHESTER ST STE 4 585 ELLICE AVE WINNIPEG MAN	B L S 1
HADDON ALBERT WALTER 3810 BARCLAY AVE APT 1 MONTREAL QUE	B ENG MCH 4
HADJIPATERAS NICOLAS WINDSOR HOTEL MTL 12 AVEROFF ST ATHENS GREECE	B A 1 PL 7181
HAFLIDSON JOHN W 1060 DOWNING ST WINNIPEG MANITOBA	B ENG CH 4
HAHTO MAX PERTTI 1514 CRESCENT ST MTL 326 TASCHEREAU RD ARVIDA QUE	B ENG 2 MA 7457
HAIRE JOHN BVEU 3550 PEEL ST APT 17 MONTREAL QUE	B ENG 1 PL 6900
HALCRO JOHN B H 79 BRUCE AVE APT 2 WESTMOUNT QUE	B SC 1 WE 3008
HALE THOMAS REID 112 2ND ST ST LAMBERT QUE	MED DIPL 1
HALIBURTON JOHN D MACDONALD COLLEGE AVONPORT N S	B SC AGR 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HALIBURTON THOMAS H MACDONALD COLLEGE AVONPORT KINGS CO N S	B SC AGR 3
HALL ARTHUR CLIFFORD 4601 ROSEDALE AVE N D G MONTREAL QUE	B SC 3 DE 9071
HALL BASIL MACKENZIE 2054 MCGILL COLLEGE AVE APT 7 MONTREAL QUE 7 CATHAY ST GALT ONTARIO	B ARCH 6 HA 7648
HALL DORIS BARBARA MACDONALD COLLEGE 695 EDISON AVE OTTAWA ONT	B SC H EC 1
HALL ELSA MON CA R V C 21 ROOSEVELT AVE LIGUANEA JAMAICA BWI	B SC 3
HALL ELWIN WILLIAM 4050 RIDGEVALE AVE APT 9 MONTREAL QUE 100 ST JOHN ST EAST ANGUS QUE	B ENG MCH 5 EX 8093
HALL GEORGE DOUGLAS 257 LOCKHART AVE TOWN OF MOUNT ROYAL QUE	B ENG CH 3 AT 2570
HALL JAMES STONELY 1441 DRUMMOND ST MTL 87 KERRY RD FARKVIEW JOHANNESBURG S AFRICA	PH D 2 MA 4171
HALL JOHN EMMETT 3617 LORNE CRESCENT MTL 220 POPLAR CRESC SASKATOON SASK	MD CM 3 LA 8013
HALL JOHN GERALD 580 GROSVENOR AVE MTL 375 STE FRS XAVIER ST THREE RIVERS QUE	PARTIAL 0 EL 2306
HALL JOHN L 125 PERCIVAL AVE MONTREAL WEST QUE	B SC P E 2 DE 3758
HALL OLIVE MARION R V C 17 OPEONGE RD OTTAWA ONT	B F A 3
HALL RICHARD HARRISON 4215 MELROSE AVE MTL 11 LESLIE RD WINCHESTER MASS U S A	M SC 1 EL 5248
HALL ROBERT ARTHUR 4310 HARVARD AVE N D G MONTREAL QUE	B COM 3 DE 5711
HALL RUTH FAREWELL MACDONALD COLLEGE 4065 COTE DES NEIGES MONTREAL QUE	HOMEMAKER 1
HALL SHIRLEY MARIE 59 CHESTERFIELD ST MTL 56 WEST 43RD AVE VANCOUVER B C	B A 4 WA 9748
HALL WILLIAM WALTER MACDONALD COLLEGE 202 POWELL AVE OTTAWA ONT	B SC AGR 1
HALLER VIVIAN 235 MARKHAM RD TOWN OF MOUNT ROYAL QUE	B SC 1 AT 4484
HALLETT PATRICIA A R V C 57 CHESTERFIELD DR ROCHESTER 12 N Y U S A	B A 3 UN 0038
HALLETT WILLIAM BRUCE 2558 DECARIE BLVD MTL 103 N ELLESMERE AVE VANCOUVER B C	D D S 3
HALLIDAY CALVIN G 629 PRINCE ARTHUR ST MTL 615 MCPHERSON AVE SASKATOON SASK	D D S 1
HALLIN BARBARA LOIS R V C 1434 25TH AVE LONGVIEW WASH U S A	B A 1
HALLIN ROGER WALTER 3851 UNIVERSITY ST MTL 1434 25TH AVE LONGVIEW WASH U S A	MD CM 3 UN 0028
HALLSWORTH ROBERT N 5950 DUROCHER ST OUTREMONT QUE	B COM 4 CA 3474
HALLWARD HUGH GRAHAM 3525 MOUNTAIN ST MONTREAL QUE	B A 4 BE 4532
HALPERIN ALEX HARRIS 4945 VICTORIA AVE N D G MONTREAL QUE	B SC 4 DE 1900
HALPERIN HARRY J 6287 TRANS ISLAND AVE MONTREAL QUE	PARTIAL 0 GR 6433
HALPERN NORMAN 3993 CLARK ST MONTREAL 18 QUE	B SC 1
HALPERN ESTHER 3509 HUTCHISON ST MONTREAL QUE	B SC 3 PL 3372
HALPERN ETHEL 4992 FULTON AVE MONTREAL QUE	B SC 2
HALPERIN IRVING J 5717 NORTHMOUNT AVE MONTREAL QUE	B C L 2
HALSTEAD ELINOR R V C 89A HASSE AVE C O VET ADM CENTER LOS ANGELES 25 CALIF USA	B A 2 UN 0198
HALTRECHT STANLEY D 4206 VAN HORNE AVE MONTREAL QUE	B A 3 EX 9793
HALY PAUL JOHN C 437 GROSVENOR AVE APT 8 WESTMOUNT QUE 26 YORK HOUSE PORTS ROW LONDON S W 3 ENG	B A 2 DE 4613
HAM ARTHUR KEITH 4560 MICHEL BIBAUD WESTMOUNT QUE	B A 1 AT 2694
HAM LESLIE GILMER 4560 MICHEL BIBAUD MONTREAL QUE	B A 4 AT 2694
HAMBURG ESTHER REVA 5650 COTE ST LUC RD APT 32 MONTREAL QUE GLACE BAY N S	B COM 3 WA 7022
HAMBURGER ALEXANDER 3511 UNIVERSITY ST MONTREAL QUE	B A 4 BE 0344
HAMEL LEO LUCIEN 2758 PIE IX BLVD MTL 135 NOEL ST ASBESTOS QUE	B COM 2 CL 0835
HAMEL RENE JEAN NOEL 548 PRINCE ARTHUR ST MTL 224 MORIN HEIGHTS WOONSOCKET R I U S A	B A 2 HA 7579

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HAMEL ROBERT MAURICE 9002 BERRI ST MONTREAL 12 QUE	B SC 3 VE 4682
HAMELIN RAYMOND 3588 DORION ST MONTREAL QUE	B ENG 2 AM 2722
HAMILL ELLEN JOYCE 40 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B SC [illegible] 4 AT 8443
HAMILL GERALDINE N MACDONALD COLLEGE 40 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B SC H EC 4 AT 8443
HAMILTON BRUCE A 3587 UNIVERSITY ST MONTREAL QUE	B ARCH 5 LA 6714
HAMILTON DOUGLAS D 3685 MCTAVISH ST MTL BOX 333 COWANSVILLE QUE	B ENG CI 5
HAMILTON ERWIN C 3440 DECARIE BLVD N D G MONTREAL QUE	B SC 4 DE 3263
HAMILTON GERSHOM A MACDONALD COLLEGE FROME P O JAMAICA B W I	B SC AGR 3
HAMILTON HELEN LOUISE MACDONALD COLLEGE R R 2 FREDERICTON N B	B SC H EC 3
HAMILTON GERALD BARR THEOLOGICAL COLLEGE 178 EUGENIE ST NORWOOD WINNIPEG MAN	B ENG MI 5 UN 0169
HAMILTON HERMAN A MACDONALD COLLEGE ANCHOVY JAMAICA B W I	B SC AGR 2
HAMILTON HUGH A 4402 MAYFAIR AVE N D G MONTREAL QUE	PH D 2 DE 9358
HAMILTON JAMES W MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M A 1
HAMILTON JANE ANN B 424 WOOD AVE WESTMOUNT QUE	B F A 1 FI 7153
HAMILTON LOUIS S MACDONALD COLLEGE MAXVILLE ONTARIO	B SC AGR 4
HAMILTON PHILIP H B PRESBYTERIAN COLLEGE 19 CLENVIEW AVE TORONTO 12 ONT	B ENG MET 3 PL 5754
HAMILTON ROY STANLY 349 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B ENG 1
HAMILTON WILLIAM N 4452 MARCIL AVE N D G JACKMAN MAINE U S A	B ENG MI 4 WA 1377
HAMMOND JONATHAN A DOUGLAS HALL 421 S CARLIOL ST PHILADELPHIA 46 PA U S A	MD CM 3 UN 0068
HAMPSON CHRISTOPHER 88 CHURCH HILL AVE WESTMOUNT QUE	B ENG CH 4 WI 8165
HAMPSON DAVID VICTOR 1032 OXFORD AVE MONTREAL 28 QUE	B ENG EL 4 DE 6162
HAMPSON LAWRENCE G 3001 KENT AVE MONTREAL QUE	MED DIPL 1 EX 3661
HANEK SEYMOUR 6028 HUTCHISON ST OUTREMONT QUE	B A 1 VI 7406
HANES ROBERT WALLER MACDONALD COLLEGE 106 DOMINION ST TRURO N S	B SC AGR 2
HANKINSON KATHLEEN C 328 MONMOUTH AVE TOWN OF MOUNT ROYAL QUE	PHYSIOTH 2 AT 1271
HANLEY ALLEN JOSEPH 184 LABONTE ST LONGUEUIL QUE	B ENG MCH 5
HANLEY WILLIAM 168 LABONTE ST LONGUEUIL QUE 19 CHAMPLAIN AVE NITRO QUE	B A 4
HANLON JOSEPHINE ANN R V C CAVALRY RD WESTPORT CONN U S A	B A 2 UN 0168
HANLY MARGARET JEAN 615 CARLETON AVE WESTMOUNT QUE	B SC 4 EL 4809
HANNA BLAKE THOMPSON 3558 GREY AVE MTL 212 WEBSTER ST ROCKLAND MASS U S A	GRAD QUAL 1
HANNA JOHN LEWIS 54 BRODEUR AVE DORION QUE	B ENG EL 4
HANNA NEIL IRA MACDONALD COLLEGE SHAWVILLE QUE ★ SZ	B SC AGR 2
HANNAN CHARLES KEVIN 3430 DRUMMOND ST MTL MAIN ST RANDALSTOWN CO ANTRIM N IRELAND	B SC 4 PL 0789
HANRAHAN GORMAN E 5438 BRODEUR AVE MONTREAL QUE	MD CM 4 EL 2180
HANSARD HUGH HAZEN 17 EDGEHILL RD WESTMOUNT QUE	B SC 1 DE 3957
HANSARD PHILIPPA 17 EDGEHILL RD WESTMOUNT QUE	B A 1 DE 3957
HANSEN DOUGLAS R MACDONALD COLLEGE 124 NOEL ST OTTAWA ONT	M SC 1
HARBOUR LEONARD T C 5717 ORLEANS AVE MONTREAL 36 QUE	B D 2 CL 8324
HARDING MICHAEL B PRESBYTERIAN COLLEGE 2 BEECHMONT AVE CEDAR KNOLLS BRONXVILLE NEW YORK U S A	B ENG 2
HARDING SAMUEL A 294 SHERBROOKE ST MONTREAL QUE	B SC 3
HARDY DENIS GEORGE 457 ARGYLE AVE WESTMOUNT QUE	B ENG CH 3
HARDY GERALD PAUL 4253 HINGSTON AVE MONTREAL QUE	B ENG EL 3 WA 9293
HARDY HENRY REGINALD WILSON HALL 300 1ST AVE OTTAWA ONT	B SC 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HARDY SHIRLEY P MACDONALD COLLEGE 169 AYLMER AVE OTTAWA ONT	B SC H EC 3
HARFORD FREDERICK R 1817 GRAHAM BLVD APT 11 TOWN OF MOUNT ROYAL QUE	B SC 2 AT 7592
HARGREAVE GEOFFREY D DOUGLAS HALL P O BOX 310 KINGSTON JAMAICA B W I	B COM 2 UN 0068
HARGREAVES JEAN L MACDONALD COLLEGE 5 CELANESE SQUARE DRUMMONDVILLE QUE	B SC H EC 1
HARKNESS JAMES B 3300 RIDGEWOOD AVE MONTREAL QUE	B ENG 1 AT 7424
HARKNESS JOHN P 1235 SHERBROOKE ST LACHINE QUE	B SC 1
HARNOTT WILLIAM JAMES 5242 SARANAC AVE MONTREAL QUE	B A 1 DE 7909
HARPACK VERED SARA 2960 LACOMBE AVE MTL 7 HISSIN ST TEL AVIV ISRAEL	B A 1 AT 7215
HARPER WILLIAM D MACDONALD COLLEGE 6950 STUART AVE MONTREAL QUE	B SC AGR 2
HARPHAM JOHN ARTHUR 3745 CORONET RD APT 10 MONTREAL QUE	PH D 3 AT 5618
HARRIS DONALD PAUL 3430 ONTARIO AVE MTL 2928 GRANADA AVE SAN DIEGO 4 CALIF U S A	B A 3 BE 5007
HARRIS HOWARD MORTEN DOUGLAS HALL SPRINGHILL N S	MD CM 2 UN0078
HARRIS ISSIE VELVEL 5981 WAVERLY ST MONTREAL QUE	B C L 1 TA 2017
HARRIS JAMES GORDON 3761 BARCLAY ST APT 7 MONTREAL QUE ★33	B A 4
HARRIS JOSEPH P 7963 DUROCHER ST MTL 600 OLIVER RD PORT ARTHUR ONT	B ENG EL 5
HARRIS PATRICIA JAYNE 1324 SHERBROOKE ST W MONTREAL QUE	PARTIAL 0 HA 9600
HARRIS PAUL CHAPPELL MACDONALD COLLEGE GREENWICH KINGS CO N S	B SC AGR 3
HARRIS RHODA HELENE 4170 GIROUARD AVE N D G MONTREAL QUE	B A 2 WA 1698
HARRISON CONSTANCE M 49 PALMERSTON AVE TOWN OF MT ROYAL QUE	B SC P E 2 AT 6554
HARRISON DONALD E 3466 MCTAVISH ST MTL 575 RIVERSIDE DRIVE NEW YORK N Y U S A	MD CM 3 LA 9533
HARRISON DOROTHY P MCLENNAN HALL 762 8TH ST BRANDON MAN	B S W 1 PL 0044
HARRISON JAMES ERNEST BOX 26 MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE	D D S 4
HARROWER GEORGE A 5767 DOUSSIN AVE MTL R R 4 GODERICH ONT	PH D 2
HART CHRISTOPHER C 30 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B ENG 2 AT 1703
HART DONNA LOUISE 4142 OXFORD AVE N D G MONTREAL QUE	B SC 3 DE 9456
HARTING ANTON W 4882 SHERBROOKE ST W MONTREAL QUE	L MUS 3 DE 0470
HARTLEBEN MARIA C R V C 11 CALLE CIUDAD VIEJA GUATEMALA CITY GUATEMALA	B A 2 UN 0019
HARVEY JACK HAMILTON DOUGLAS HALL 30 KING S LYNN RD TORONTO ONT	MD CM 2 UN 0145
HASCETT LESLIE MARK 6 BELEVEDERE RD MONTREAL QUE	B COM 1 FI 1970
HASKELL STANLEY R MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE ★34	PH D 2
HASTINGS VICTOR E 3441 PEEL ST MTL 133 SHENANDOAH RD BUFFALO NEW YORK U S A	B ENG CH 5 BE 7017
HATFIELD HUBERT B 34 MAPLE AVE ST ANNE DE BELLEVUE QUE	PARTIAL 0
HATFIELD JEANNETTE R V C 2709 GENESSEE ST UTICA 3 N Y U S A	B A 1
HATT MARK LIVINGSTON 366 MILTON ST MTL KINGSTON KINGS CO N S	B SC P E 2 MA 6735
HATZIDAKIS KYRIACOS 456 PINE AVE W MTL 27A ANAGNOSTOPOULOU ATHENS GREECE	B ENG EL 4 HA 5850
HAUGHN CLARIBEL E R V C LUNENBURG N S	B SC P E 4 UN 0148
HAUSER HALLOWELL H 4273 CHAMBORD ST MONTREAL QUE	B COM 1 AM 5652
HAWIRKO ROMA Z 3651 DUROCHER ST APT 16 MONTREAL QUE 2929 GLASGOW AVE VICTORIA B C	PH D 3 MA 3168
HAWKE CHRISTOPHER W DOUGLAS HALL 35 SOUTH DRIVE TORONTO ONT	B. COM 1
HAWKES CHARLES BLAIR MACDONALD COLLEGE 190 CONNELL ST WOODSTOCK N B	PARTIAL 0
HAWKINGS WILLIAM E WILSON HALL P O BOX 222 KENOGAMI QUE	B ENG MCH 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HAMEL ROBERT MAURICE 9008 BERRI ST MONTREAL 12 QUE	B SC 3 VE 4682
HAMELIN RAYMOND 3588 DORION ST MONTREAL QUE	B ENG 2 AM 2722
HAMILL ELLEN JOYCE 40 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B SC [illegible] 4 AT 8443
HAMILL GERALDINE N MACDONALD COLLEGE 40 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B SC H EC 4 AT 8443
HAMILTON BRUCE A 3587 UNIVERSITY ST MONTREAL QUE	B ARCH 5 LA 6714
HAMILTON DOUGLAS D 3685 MCTAVISH ST MTL BOX 333 COWANSVILLE QUE	B ENG CI 5
HAMILTON ERWIN C 3440 DECARIE BLVD N D G MONTREAL QUE	B SC 4 DE 3263
HAMILTON GERSHOM A MACDONALD COLLEGE FROME P O JAMAICA B W I	B SC AGR 3
HAMILTON HELEN LOUISE MACDONALD COLLEGE R R 2 FREDERICTON N B	B SC H EC 3
HAMILTON GERALD BARR THEOLOGICAL COLLEGE 178 EUGENIE ST NORWOOD WINNIPEG MAN	B ENG MI 5 UN 0169
HAMILTON HERMAN A MACDONALD COLLEGE ANCHOVY JAMAICA B W I	B SC AGR 2
HAMILTON HUGH A 4402 MAYFAIR AVE N D G MONTREAL QUE	PH D 2 DE 9358
HAMILTON JAMES W MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M A 1
HAMILTON JANE ANN B 424 WOOD AVE WESTMOUNT QUE	B F A 1 FI 7153
HAMILTON LOUIS S MACDONALD COLLEGE MAXVILLE ONTARIO	B SC AGR 4
HAMILTON PHILIP H B PRESBYTERIAN COLLEGE 19 CLENVIEW AVE TORONTO 12 ONT	B ENG MET 3 PL 5754
HAMILTON ROY STANLY 349 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B ENG 1
HAMILTON WILLIAM N 4452 MARCIL AVE N D G JACKMAN MAINE U S A	B ENG MI 4 WA 1377
HAMMOND JONATHAN A DOUGLAS HALL 421 S CARLIOL ST PHILADELPHIA 46 PA U S A	MD CM 3 UN 0068
HAMPSON CHRISTOPHER 88 CHURCH HILL AVE WESTMOUNT QUE	B ENG CH 4 WI 8165
HAMPSON DAVID VICTOR 1038 OXFORD AVE MONTREAL 28 QUE	B ENG EL 4 DE 6162
HAMPSON LAWRENCE G 3001 KENT AVE MONTREAL QUE	MED DIPL 1 EX 3661
HANEK SEYMOUR 6028 HUTCHISON ST OUTREMONT QUE	B A 1 VI 7406
HANES ROBERT WALLER MACDONALD COLLEGE 106 DOMINION ST TRURO N S	B SC AGR 2
HANKINSON KATHLEEN C 328 MONMOUTH AVE TOWN OF MOUNT ROYAL QUE	PHYSIOTH 2 AT 1271
HANLEY ALLEN JOSEPH 184 LABONTE ST LONGUEUIL QUE	B ENG MCH 5
HANLEY WILLIAM 168 LABONTE ST LONGUEUIL QUE 19 CHAMPLAIN AVE NITRO QUE	B A 4
HANLON JOSEPHINE ANN R V C CAVALRY RD WESTPORT CONN U S A	B A 2 UN 0168
HANLY MARGARET JEAN 615 CARLETON AVE WESTMOUNT QUE	B SC 4 EL 4809
HANNA BLAKE THOMPSON 3558 GREY AVE MTL 212 WEBSTER ST ROCKLAND MASS U S A	GRAD QUAL 1
HANNA JOHN LEWIS 54 BRODEUR AVE DORION QUE	B ENG EL 4
HANNA NEIL IRA MACDONALD COLLEGE SHAWVILLE QUE ★ SZ	B SC AGR 2
HANNAN CHARLES KEVIN 3430 DRUMMOND ST MTL MAIN ST RANDALSTOWN CO ANTRIM N IRELAND	B SC 4 PL 0789
HANRAHAN GORMAN E 5438 BRODEUR AVE MONTREAL QUE	MD CM 4 EL 2180
HANSARD HUGH HAZEN 17 EDGEHILL RD WESTMOUNT QUE	B SC 1 DE 3957
HANSARD PHILIPPA 17 EDGEHILL RD WESTMOUNT QUE	B A 1 DE 3957
HANSEN DOUGLAS R MACDONALD COLLEGE 124 NOEL ST OTTAWA ONT	M SC 1
HARBOUR LEONARD T C 5717 ORLEANS AVE MONTREAL 36 QUE	B D 2 CL 8324
HARDING MICHAEL B PRESBYTERIAN COLLEGE 2 BEECHMONT AVE CEDAR KNOLLS BRONXVILLE NEW YORK U S A	B ENG 2
HARDING SAMUEL A 294 SHERBROOKE ST MONTREAL QUE	B SC 3
HARDY DENIS GEORGE 457 ARGYLE AVE WESTMOUNT QUE	B ENG CH 3
HARDY GERALD PAUL 4253 HINGSTON AVE MONTREAL QUE	B ENG EL 3 WA 9293
HARDY HENRY REGINALD WILSON HALL 300 1ST AVE OTTAWA ONT	B SC 2

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HARDY SHIRLEY P MACDONALD COLLEGE 169 AYLMER AVE OTTAWA ONT	B SC H EC 3
HARFORD FREDERICK R 1217 GRAHAM BLVD APT 11 TOWN OF MOUNT ROYAL QUE	B SC 2 AT 7592
HARGREAVE GEOFFREY D DOUGLAS HALL P O BOX 310 KINGSTON JAMAICA B W I	B COM 2 UN 0068
HARGREAVES JEAN L MACDONALD COLLEGE 5 CELANESE SQUARE DRUMMONDVILLE QUE	B SC H EC 1
HARKNESS JAMES B 3300 RIDGEWOOD AVE MONTREAL QUE	B ENG 1 AT 7424
HARKNESS JOHN P 1235 SHERBROOKE ST LACHINE QUE	B SC 1
HARNOTT WILLIAM JAMES 5242 SARANAC AVE MONTREAL QUE	B A 1 DE 7909
HARPACK VERED SARA 2960 LACOMBE AVE MTL 7 HISSIN ST TEL AVIV ISRAEL	B A 1 AT 7215
HARPER WILLIAM D MACDONALD COLLEGE 6950 STUART AVE MONTREAL QUE	B SC AGR 2
HARPHAM JOHN ARTHUR 3745 CORONET RD APT 10 MONTREAL QUE	PH D 3 AT 5618
HARRIS DONALD PAUL 3430 ONTARIO AVE MTL 2928 GRANADA AVE SAN DIEGO 4 CALIF U S A	B A 3 BE 5007
HARRIS HOWARD MORTEN DOUGLAS HALL SPRINGHILL N S	MD CM 2 UN0078
HARRIS ISSIE VELVEL 5981 WAVERLY ST MONTREAL QUE	B C L 1 TA 2017
HARRIS JAMES GORDON 3761 BARCLAY ST APT 7 MONTREAL QUE ★33	B A 4
HARRIS JOSEPH P 7963 DUROCHER ST MTL 600 OLIVER RD PORT ARTHUR ONT	B ENG EL 5
HARRIS PATRICIA JAYNE 1324 SHERBROOKE ST W MONTREAL QUE	PARTIAL 0 HA 9600
HARRIS PAUL CHAPPELL MACDONALD COLLEGE GREENWICH KINGS CO N S	B SC AGR 3
HARRIS RHODA HELENE 4170 GIROUARD AVE N D G MONTREAL QUE	B A 2 WA 1698
HARRISON CONSTANCE M 49 PALMERSTON AVE TOWN OF MT ROYAL QUE	B SC P E 2 AT 6554
HARRISON DONALD E 3466 MCTAVISH ST MTL 575 RIVERSIDE DRIVE NEW YORK N Y U S A	MD CM 3 LA 9533
HARRISON DOROTHY P MCLENNAN HALL 762 8TH ST BRANDON MAN	B S W 1 PL 0044
HARRISON JAMES ERNEST BOX 26 MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE	D D S 4
HARROWER GEORGE A 5767 DOUSSIN AVE MTL R R 4 GODERICH ONT	PH D 2
HART CHRISTOPHER C 30 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B ENG 2 AT 1703
HART DONNA LOUISE 4142 OXFORD AVE N D G MONTREAL QUE	B SC 3 DE 9456
HARTING ANTON W 4882 SHERBROOKE ST W MONTREAL QUE	L MUS 3 DE 0470
HARTLEBEN MARIA C R V C 11 CALLE CIUDAD VIEJA GUATEMALA CITY GUATEMALA	B A 2 UN 0019
HARVEY JACK HAMILTON DOUGLAS HALL 30 KING S LYNN RD TORONTO ONT	MD CM 2 UN 0145
HASCETT LESLIE MARK 6 BELEVEDERE RD MONTREAL QUE	B COM 1 FI 1970
HASKELL STANLEY R MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE ★34	PH D 2
HASTINGS VICTOR E 3441 PEEL ST MTL 133 SHENANDOAH RD BUFFALO NEW YORK U S A	B ENG CH 5 BE 7017
HATFIELD HUBERT B 34 MAPLE AVE ST ANNE DE BELLEVUE QUE	PARTIAL 0
HATFIELD JEANNETTE R V C 2709 GENESSEE ST UTICA 3 N Y U S A	B A 1
HATT MARK LIVINGSTON 366 MILTON ST MTL KINGSTON KINGS CO N S	B SC P E 2 MA 6735
HATZIDAKIS KYRIACOS 456 PINE AVE W MTL 27A ANAGNOSTOPOULOU ATHENS GREECE	B ENG EL 4 HA 5850
HAUGHN CLARIBEL E R V C LUNENBURG N S	B SC P E 4 UN 0148
HAUSER HALLOWELL H 4273 CHAMBORD ST MONTREAL QUE	B COM 1 AM 5652
HAWIRKO ROMA Z 3651 DUROCHER ST APT 16 MONTREAL QUE 2929 GLASGOW AVE VICTORIA B C	PH D 3 MA 3168
HAWKE CHRISTOPHER W DOUGLAS HALL 35 SOUTH DRIVE TORONTO ONT	B. COM 1
HAWKES CHARLES BLAIR MACDONALD COLLEGE 190 CONNELL ST WOODSTOCK N B	PARTIAL 0
HAWKINGS WILLIAM E WILSON HALL P O BOX 222 KENOGAMI QUE	B ENG MCH 3

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HAWKINS EDITH F 2075 LINCOLN AVE APT 15 MONTREAL QUE MILFORD STATION HANTS CO NOVA SCOTIA	M S W 1 PL 2682
HAWKINS NAOMI MARTHA 2038 METCALFE AVE MTL ALMA ILLINOIS U S A	PH D 2 PL 0813
HAWORTH JOHN BRIAN 5247 GLOBERT ST MTL 802 LAFONTAINE ST DRUMMONDVILLE QUE	B ENG 2 DE 9643
HAWTHORNE STANLEY 997 MANNING AVE VERDUN QUE	B COM 4 TR 1522
HAY DONALD ROSS 485 SHERBROOKE ST W MTL 123 BRUCE ST LONDON ONT	PH D 3 HA 3721
HAY IRIS WARING 534 MAPLE AVE ST LAMBERT QUE	B SC 2
HAY RANALD LOUIS 1365 GREENE AVE MTL SMART ST CUREPE TRINIDAD B W I	B ENG MCH 4 WE 5152
HAYDOCK HAROLD MACDONALD COLLEGE 3977 LAFONTAINE ST MONTREAL 4 QUE	TCH ELEM 1
HAYES ALICE MARY 5425 16TH AVE ROSEMOUNT QUE	M A 1 CL 7971
HAYES HEATHER F MACDONALD COLLEGE 295 DENNISON AVE GRANBY QUE	TCH INT 1
HAYES IRWIN JAMES MACDONALD COLLEGE SHAWVILLE QUE	AGR DIP 2
HAYES MARY CURRELL R V C 267 POWELL AVE OTTAWA ONT	B F A 3 UN 0038
HAYES WILLIAM F 331 CARLYLE AVE TOWN OF MOUNT ROYAL QUE	B ENG 1 EX 0813
HAYHURST FRANCE T MACDONALD COLLEGE BRADFORD S LAND MAVESFIELD UCKFIELD SUSSEX ENGLAND	AGR DIP 2
HAYNES GODFREY L 3508 DUROCHER ST MONTREAL QUE	B ENG 1
HAYWARD ALAN DOUGLAS 3380 RIDGEWOOD AVE APT 104 MONTREAL QUE	M COM 1 AT 8150
HAYWARD MARGARET L 1629 LINCOLN AVE MTL 225 WANLESS AVE TORONTO ONT	GR N CERT 1
HAYWARD PHYLLIS G 3380 RIDGEWOOD AVE APT 104 MONTREAL QUE	PARTIAL 0 AT 8150
HAYWOOD ALLAN R 2101 UNIVERSITY ST APT 21 MONTREAL QUE 138 DUKE ST PORT ARTHUR ONT	B ARCH 6
HAYWOOD BRUCE 6135 SHERBROOKE ST N D G MONTREAL QUE	M A 1 EL 2478
HEANEY HENRY CHARLES 39 THORNHILL AVE MTL 39 BUTLER ST DORCHESTER 24 MASS USA	B ARCH 5 WE 1894
HEAP DANIEL JAMES M 538 MILTON ST APT 1 MTL 141 TACHE AVE NORWOOD GROVE MAN	B D 3 MA 1145
HEARN CATHERINE MARY 3801 HARVARD AVE N D G MONTREAL QUE	B A 1 EL 1310
HEATH EDGAR SHELDON 2070 UNIVERSITY ST MTL 73 ABERDEEN AVE BRANTFORD ONT	B SC 2 HA 7016
HEBERT LUCIEN PAUL 3609 UNIVERSITY ST MTL 142 CHURCH ST EDMUNDSTON N B	B ARCH 4 LA 6309
HECHT RUTH ELEONORA 117 DUFFERIN RD HAMPSTEAD QUE	B F A 1 FI 8071
HECHT THOMAS OTTO 117 DUFFERIN RD HAMPSTEAD QUE	M A 1 EL 2293
HECKMAN DONALD ERNEST 4434 OXFORD AVE N D G MONTREAL QUE	B SC 4 EL 3073
HEDETNIEMI GEORGE E 3518 ST FAMILLE ST MTL 4 BUTMAN AVE GLOUCESTER MASS U S A	B ARCH 6 HA 3914
HEENAN PATRICIA M 4610 GRAND BLVD APT 5 N D G MONTREAL QUE	B SC 1 WA 6121
HEFFERNAN AMEARA 1130 ST CLARE RD TOWN OF MOUNT ROYAL QUE	B A 1 AT 0686
HEFFERNAN JAMES LEWIS 17 HORNELL AVE PTE CLAIRE QUE	MD CM 4
HEFT MELVYN 4970 ROSLYN AVE MONTREAL QUE	B COM 2 EX 3428
HEIBERG GEORGE E 3431 DRUMMOND ST MTL 18 CAIRNS AVE GRANBY QUE	B ENG 2 PL 3616
HEIBERG KARIN R V C 18 CAIRUS AVE GRANBY QUE	B SC 2
HELD ALAN ELLISON 3782 VENDOME AVE N D G MONTREAL QUE	B SC 2 DE 3861
HELFIELD EDWARD L 6390 DE VIMY AVE MONTREAL QUE	B A 1 AT 0106
HELFIELD ERIC SIDNEY 6046 HUTCHISON ST OUTREMONT QUE	B A 3 DO 4794
HELLE STEPHEN JOSEPH WILSON HALL S PAULO RUA JOSE GETULIO 847 APT 42 ACLIMAGAO BRAZIL	B SC 3
HELLE SUSAN MARY R V C S PAULO RUA JOSE GETULIO 847 APT 42 BRAZIL	PARTIAL 0
HELLER EMMANUEL 2047 UNION AVE MTL 10 EAST 65TH ST NEW YORK CITY N Y U S A	B A 3 PL 0646
HELLER LEON 1327 LAJOIE AVE MONTREAL R QUE	MD CM 4 CA 4032

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HELLSTROM JOHN G 5 MURRAY AVE WESTMOUNT MTL 6 QUE	MD CM 1 EL 0403
HELPER DOROTHY ANN 3480 ONTARIO AVE MONTREAL QUE	GRAD QUAL 1 PL 0044
HEMMINGS LYLE MILTON 105 QUINN BLVD LONGUEUIL QUE	B SC 3
HENCHEY WILLIAM GORDON 5345 BRODEUR AVE N D G MONTREAL QUE	B ENG CH 5 EL 6119
HENDELMAN RUTH 5224 SARANAC AVE MONTREAL QUE	B SC 2 WA 9681
HENDERSON ANN LESLEY 50 ST SULPICE RD WESTMOUNT QUE	PARTIAL 0 FI 6694
HENDERSON HARTLEY H 5152 WALKLEY AVE APT 1 MONTREAL QUE 143 FREDERICK ST KITCHENER ONT	MD CM 3
HENDERSON JOHN 56 BEVERLEY AVE TOWN OF MOUNT ROYAL QUE	B SC 1 AT 4871
HENDERSON MURIEL M 5485 AVONMORE AVE MTL 16 MOUNTAIN AVE CHATEAUGUAY HEIGHTS QUE	GR N CERT 1 WA 9417
HENEY DOUGLAS F 3524 JEANNE MANCE ST MONTREAL QUE 111 COOPER ST OTTAWA ONT	B ENG 2 HA 1318
HENEY JOHN BOWER L 3524 JEANNE MANCE ST MONTREAL QUE 111 COOPER ST OTTAWA ONT	B ENG 1 HA 1318
HENNEBERRY GERALD O MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 3
HENNEKE WILLARD F 2043 UNION AVE MTL 19 JEFFERSON ST JOHNSTOWN PA U S A	B A 2 HA 9042
HENNESSY ANGELA D 613 VICTORIA AVE WESTMOUNT QUE	B A 1 EL 1552
HENNESSEY JOHN F 3466 MCTAVISH AVE MTL 1001 DENVER RD FAIRVILLE N B	MD CM 2 LA 9533
HENNIGAR ROSS ALLAN MACDONALD COLLEGE 438 WALPOLE AVE TOWN OF MOUNT ROYAL QUE	B SC AGR 4
HENRIKSON ARNE 4820 BORDEN AVE APT 21 MONTREAL QUE	PH D 3 WA 8310
HENRY ANNE STEWART 3057 CEDAR AVE MONTREAL QUE	B SC 2 FI 1295
HENRY JOHN STEWART BOSTON LYING M HOSP BOSTON MASS U S A 3057 CEDAR AVE MONTREAL QUE	MED DIPL 1 FI 1295
HENRY PHILIP DANIEL 545 PINE AVE W MTL 402 AMBROSE ST PORT ARTHUR ONT	MD CM 3 MA 1545
HENRY WILLIAM HUNTER 5311 PARK AVE APT 5 MONTREAL QUE	PH D 5 TA 7755
HENSHAW FRANCES LEAH 3548 EVELYN ST VERDUN QUE	GR N CERT 1 TR 5276
HERDAN IRINA MARIA 500 PINE AVE W MONTREAL QUE	GR N CERT 1 LA 8456
HERMAN JUNE MACDONALD COLLEGE CHALK RIVER ONT ★SC	TCH ELEM 1
HERMANN DEBORAH 3628 LORNE CRESCENT APT 5 MONTREAL QUE	B S W 1 BE 0961
HERMANN HOWARD T MTL NEUROLOGICAL INST 1165 CLINTON AVE IRVINGTON N J U S A	MED DIPL 2 BE 9061
HERON JOHN KEITH 5825 BEURLING AVE VERDUN QUE 14 MURRAY GARDENS PTE CLAIRE QUE	PARTIAL 0 TR 3193
HEROUX JOSEPH ANGE 428 SHERBROOKE ST APT 21 MONTREAL QUE 137 DEFOND ST SHAWINIGAN QUE	B ENG 1 MA 4843
HEROUX J C JACQUES 3430 DRUMMOND ST MTL 34 CARTIER ST SHAWINIGAN FALLS QUE	B ENG CI 4 PL 0789
HERRINGTON FRANK F 121 BALLANTYNE AVE N MONTREAL WEST QUE	MD CM 1 DE 0415
HERRINGTON PETER N 204 PERCIVAL AVE MONTREAL WEST QUE	MD CM 1 DE 2857
HERSCH PAUL 258 SHERBROOKE ST MTL 3345 RESERVOIR OVAL BRONX 67 NEW YORK U S A	B SC 3
HERSH JACOB 58 DULUTH ST W MONTREAL QUE	M A 2 MA 9950
HERSCHORN MICHAEL 5168 TRANS ISLAND AVE MONTREAL QUE	B A 2 WA 8453
HERSEN NORBERT B 2095 LINCOLN AVE APT 6 MONTREAL QUE	B ENG 1 WE 2173
HERSEY LEWIS WILKINS 1469 DRUMMOND ST APT 75 MONTREAL QUE 2052 LORRAINE AVE WINDSOR ONT	B SC 3 PL 3003
HERSHORN ROBERT B 668 BELMONT AVE WESTMOUNT QUE	B COM 3 EL 4551
HERZBERG MARY OBELYN 323 STANSTEAD AVE TOWN OF MOUNT ROYAL QUE	B A 1 AT 1321
HESLOP ROBERT WILLIAM MACDONALD COLLEGE 303 13TH AVE LACHINE QUE	B SC AGR 2
HEUGHAN ROBERT A 216 HICKSON AVE ST LAMBERT QUE	B ENG 1
HEWARD CHILION FRANK 11 ANWOTH RD WESTMOUNT QUE	B COM 1 WI 4571
HEWSON JOANNE SELDEN 19 KILBURN CRESCENT HAMPSTEAD QUE	B F A 3 DE 2639

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HEWSON ROGER DOUGLAS 19 KILBURN CRESCENT HAMPSTEAD QUE	DE 2639	B ENG 1
HEY SHEILA ELLEN 4883 WESTHILL AVE N D G MONTREAL QUE	EL 9817	B A 1
HEYDING ROBERT D 1643 LINCOLN AVE APT 6 MONTREAL QUE 1112 SPADINA CRESC E SASKATOON SASK		PH D 3
HEYMAN MYRA 4750 DUPUIS AVE APT 9G MONTREAL QUE	BE 8621	M PS SC 2
HAIH ELIZABETH H R V C 207 HAMMOND ST CHESTNUT HILL MASS U S A	UN 0168	B A 2
HICK EMILY CATHERINE 3823 MELROSE AVE N D G MONTREAL 28 QUE	DE 2590	B A 4
HICKS GEORGE DAVID 373 MERTON AVE ST LAMBERT QUE		B ENG 1
HICKS MARION ELSIE 373 MERTON AVE ST LAMBERT QUE		B A 3
HIGGINS ROBERT D 717 42ND AVE LACHINE QUE		B ENG CH 3
HIGGINSON JEAN B R V C 41 MCGILL ST HAWKESBURY ONT	UN 0069	B A 4
HILBORN GERTRUDE R V C CONCESSION RD PRESTON ONT		B A 1
HILBORN JOHN WELLS BOX 80 PRESTON ONT		M SC 1
HILBORN WILBERT J 5927 CLARK ST MONTREAL QUE	TA 8900	D D S 2
HILL DONALD GORDON MACDONALD COLLEGE 685 COLBORNE ST LONDON ONT		B SC AGR 1
HILL RAYMOND DEAN 1452 MACKAY ST MONTREAL QUE	WI 0705	MD CM 1
HILL RONALD FREDERICK 5035 HINGSTON AVE N D G MONTREAL QUE	DE 6637	B ENG 1
HILLMAN DONALD A 4660 CONNAUGHT AVE N D G MONTREAL QUE	DE 5678	MD CM 4
HILLS THEODORE L 521 PRINCE ARTHUR ST MTL 16 SWANSEA ST WELLINGTON N 5 NEW ZEALAND	HA 1839	M A 1
HILTZ ARNOLD AUBREY 3115 LINTON AVE APT 8 MONTREAL QUE SEA VIEW P E I	AT 3742	PH D 3
HILTZ JUDITH EVELYN 4662 HINGSTON AVE MONTREAL QUE		B A 2
HIND BARBARA ANN 758 UPPER BELMONT WESTMOUNT QUE 33 BELGRAVE RD OTTAWA ONT	WA 7989	B S W 1
HINES RONALD GORDON WILSON HALL 34 PHOENIX ST BRIDGEWATER N S		B ENG CH 5
HINTON GEORGE G DOUGLAS HALL 19 PENDRAGON LANE BRADFORD YORKS ENG	UN 0018	B SC 4
HINTON HAROLD ARTHUR 3473 UNIVERSITY ST MTL P O BOX 1423 DEER LAKE NFLD		B ENG CI 4
HIRSCHHEIMER BARBARA 4379 WESTMOUNT AVE WESTMOUNT QUE	EL 3668	B A 2
HIRSCHEIMER ERNEST M 4379 WESTMOUNT AVE WESTMOUNT QUE	EL 3668	B COM 3
HISLOP PEARL 6262 DEACON RD MONTREAL QUE	EX 1284	B COM 1
HITCHINGS WILLIAM 3528 UNIVERSITY ST MTL R R 5 ST STEPHEN N B		B SC 3
HITZIG KEN 454 WILLOWDALE AVE OUTREMONT QUE	AT 0596	B COM 3
HOARE COLIN T 1420 PINE AVE W MTL CROSSWAYS SIDMOUTH DEVON ENGLAND	HA 7891	B ENG CH 5
HOBART GEORGE M 3114 DAULAC RD MONTREAL QUE	WI 0212	B C L 2
HOBSON GEORGE B MACDONALD COLLEGE 5014 PONSARD AVE MONTREAL QUE		B SC AGR 4
HODDER MORLEY F WILSON HALL 78 MERRYMEETING RD ST JOHNS NFLD	HA 4873	B D 2
HODGE FRANCES JESSIE 53 BELVEDERE CIRCLE WESTMOUNT QUE	FI 6527	B A 4
HODGES MARY JACQUELINE R V C KAMSACK SASK	UN 0138	B COM 4
HODGINS DONALD R 3546 LORNE AVE APT 6 MTL 1330 MINTO ST VICTORIA B C	MA 0173	MD CM 3
HODGSON BARBARA E 4260 HINGSTON AVE MONTREAL QUE	EL 5944	B A 4
HODGSON RONALD C 35 ST JEAN ST LONGUEUIL QUE		B ENG CH 5
HOFFMAN JACK BENJAMIN 5578 WOODBURY AVE MONTREAL QUE	AT 8783	B A 2
HOFMANN HERTA ANN 4268 MADISON AVE N D G MONTREAL QUE	DE 5506	B A 2
HOGAN HOWARD RICHARD 116 ELM AVE ST EUST SUR LE LAC QUE		PH D 2
HOGAN JOHN THOMAS 4845 DES ERABLES ST MONTREAL QUE	FA 2941	B SC 3
HOGARTH RICHARD M 2057 VICTORIA ST MTL WHITE LODGE GLEN EDYTH DRIVE TORONTO ONT	BE 0056	B ENG 1

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
HOGG DAVID CLARENCE 3500 KENT AVE TOWN OF MT ROYAL QUE	PH D 2
HOLDEN SYLVIA DIANE MACDONALD COLLEGE 5540 COOLBROOKE AVE N D G MONTREAL QUE	TCH ELEM 1
HOLDEN BARBARA JANE 54 ABERDEEN AVE WESTMOUNT QUE	PHYSIOTH 1 WE 1563
HOLDEN JOHN DAVID 5064 N D G AVE N D G MONTREAL QUE	B COM 3 WA 1431
HOLDEN JULIA ANNE 2112 TUPPER ST MONTREAL QUE	B A 2 WE 4996
HOLKO LILLIAN 4161 LINTON AVE APT 9 MONTREAL 26 QUE	B SC 2 EX 4325
HOLLAND FRANCES E 1644 SELKIRK AVE MONTREAL 25 QUE ★87	B A 4 FI 2667
HOLLETT FREEMAN B 5953 FIRST AVE ROSEMOUNT QUE	B D 2 GR 9488
HOLLINGER ARNOLD L 5000 CLANRANALD AVE N D G MONTREAL 29 QUE	B COM 2 EL 2300
HOLLINGER HARVEY Z 8560 BIRNAM AVE MONTREAL 15 QUE	MD CM 3 CA 3725
HOLMES DIANE E 1280 LAIRD BLVD MONTREAL 16 QUE	B A 3 AT 6143
HOLMES GEORGE M 3474 COTE DES NEIGES MTL P O BOX 284 HAMILTON BERMUDA	B COM 2 WI 0765
HOLMES JEAN MERILYN 3474 COTE DES NEIGES MTL P O BOX 284 HAMILTON BERMUDA	B F A 3 WI 0765
HOLMES MARY ELIZABETH MACDONALD COLLEGE 305 VASSAL ST DRUMMONDVILLE QUE	B SC H EC 1
HOLTERMAN DONALD R 4079 MARCIL AVE N D G MONTREAL QUE ★88	B COM 1 DE 1937
HONIGMAN SAUL 2711 MAPLEWOOD AVE APT 14 MONTREAL QUE	MUS B 3 EX 4385
HOOD CATHARINE ANNE 52 CURZON ST MONTREAL WEST QUE	B C L 1 DE 7758
HOOD GORDON JAMES 3512 WALKLEY AVE N D G MONTREAL QUE	B ENG MET 4 EL 9539
HOOD JEAN ELIZABETH 3426 STANLEY ST MTL 184 BROCK ST WINNIPEG MAN	B N 2 BE 0360
HOOD WILLIAM CRAIGIE 66 CURZON AVE MTL BOX 268 BOURLAMAQUE QUE	B SC 2 DE 9825
HOOK NATALIE SHIRLEY MACDONALD COLLEGE 120 PINE ST BROCKVILLE ONT	B SC H EC 3
HOOKER LOIS KATHERINE MACDONALD COLLEGE ORMSTOWN QUE	TCH INT 2
HOPE CRAIG RUSSELL 1245 REDPATH CRESCENT MONTREAL QUE	M SC 1 HA 0950
HOPE THOMAS DIGBY 3628 LORNE CRESENT APT 4 MONTREAL QUE	D D S 2 UN 3517
HOPGOOD DOUGLAS A 1468 MACKAY ST MTL 2983 WEST 34TH AVE VANCOUVER B C	D D S 3
HOPKINS GEORGE L DOUGLAS HALL R R 1 SAANICHTON B C	B ENG EL 4
HOPKINS HARRY WALTER 4555 GRAND BLVD APT 8 N D G MONTREAL QUE	B ENG CI 5 WA 4612
HOPKINS MARJORIE G 64 BROADVIEW AVE VALOIS QUE	B SC 3
HOPKINS NIGEL JOHN 1082 ARGYLE AVE VERDUN QUE	PH D 3 TR 6342
HOPPER EDWARD PETER 3579 SHUTER ST MTL 3501 DAVIS ST N W WASHINGTON D C U S A	B COM 2 LA 2639
HOPS HERBERT 4297 ESPLANADE AVE MONTREAL QUE	D D S 1 MA 5928
HORICK NICHOLAS F 1441 DRUMMOND ST MTL 5 WEST LYNN AVE TORONTO ONT	B A 2 MA 4171
HORISAKI KENJI J 6533 13TH AVE ROSEMOUNT MONTREAL QUE	B COM 2 VI 6188
HORN DOROTHY 5275 HUTCHISON ST MONTREAL QUE	M S W 2 DO 9477
HORN BETTY ANN MCLENNAN HALL BOX 119 WATERDOWN ONT	B L S 1 PL 0044
HORN IRVING HAROLD 5275 HUTCHISON ST MONTREAL QUE	B SC 4 DO 9477
HORN SHEILA RUTH 1838 LAJOIE AVE OUTREMONT QUE	B SC 2 EX 5263
HORN WALTER GEORGE 4606 ADAM ST MONTREAL 4 QUE	B A 2 CL 9753
HORNE IAN LIONEL S MACDONALD COLLEGE CROWDOWN GRITTLETON NR CHIPPENHAM WILTS ENG	B SC AGR 2
HORNE MARY ISABEL 497 MOUNT PLEASANT AVE WESTMOUNT QUE	B A 2 WI 8985
HOROVITCH VITA 5735 COTE DES NEIGES RD APT 9 MONTREAL QUE	B A 1 EX 9692
HOROVITZ SHIRLEE B R V C 439 SYDNEY ST CORNWALL ONT	B A 1
HORSBURGH KEITH W 308 MORRISON AVE TOWN OF MOUNT ROYAL QUE	B ENG 2 AT 6983
HORSEY MARY ELIZABETH 3460 WEST BROADWAY AVE N D G MONTREAL QUE	L MUS 1 EL 5544

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HORTON BEVERLEY L 6118 TERREBONNE AVE MONTREAL 28 QUE	B A 4 EL 1893
HOSEIN ESAU ABBAS 3437 HUTCHISON ST MTL 21 COTTON HILL ST CLAIR PORT OF SPAIN TRIN B W I	PH D 2 BE 1343
HOSPADARUK VLADIMIR 294 34TH AVE LACHINE QUE	PH D 4
HOSSIE BARBARA ELAINE R V C 2832 BELLEVUE WEST VANCOUVER B C	B SC 2 UN 0296
HOTTON CYRIL ALYMER 1516 CRESCENT ST MTL BELLE ANSE GASPE QUE	B A 3 MA 5095
HOTTON HAZEL W 545 5TH AVE PT AUX TREMBLES QUE	B A 1
HOUGH CURLEY E 204 COTE ST ANTOINE MTL C O HENDERSON FARMINGTON CONN U S A	M S W 1 DE 8975
HOUGHTON KATHLEEN J R V C 12 PARK RD ROCKCLIFFE PARK OTTAWA ONT	B SC 2
HOUGHTON RUSSEL EARL 7337 BOYER ST MONTREAL 10 QUE	B ENG CH 4 CR 1049
HOULT GUY GEORGE 10 GRENVILLE AVE WESTMOUNT QUE	B COM 1 DE 0731
HOUSDEN JENNIFER ANN 3018 TRAFALGAR AVE 13 HOOK HILL SANDERSTEAD SURREY ENGLAND	B A 2 FI 5053
HOUSEFATHER DAVID 5741 PLANTAGENET ST MONTREAL QUE1	B A 2 AT 3974
HOUSTON GEORGE B 369 GROSVENOR AVE WESTMOUNT QUE	B C L 3 EL 5873
HOUSTON HELEN DIANE 10914 122ND STREET EDMONTON ALBERTA	B SC P E 3
HOWARD GWENNA MARY 28 SUMMIT CRESCENT WESTMOUNT QUE	B A 2 EL 3112
HOWARD WALTER JOHN F 3504 DUROCHER ST MTL 112 KNOLLYS RD STREATHAM LONDON ENG	B A 3
HOWE JOHN RUSSELL B 4073 HAMPTON AVE N D G MONTREAL QUE	B A 4 DE 5652
HOWELL DOREEN REYBURN MACDONALD COLLEGE 5635 GATINEAU AVE APT 2 MONTREAL 26 QUE	TCH ELEM 1
HOWES JAMES RAYMOND MACDONALD COLLEGE 168 PLUMSTEAD RD E THORPE ST ANDREW NORWICH ENGLAND	M SC 2
HOWEY JAMES ROBERT DOUGLAS HALL 333 KING GEORGE TERRACE VICTORIA B C	MD CM 4 UN 0145
HOWLES JOAN GERTRUDE 24 CIRCLE ROAD LAKESIDE HEIGHTS MONTREAL 33 QUE	MUS B 2
HO YEN BASIL ORLANDO MACDONALD COLLEGE PLN UITVLUGT W C DEMERARA BR GUIANA	B SC AGR 3
HOYT PAUL BLAIR MACDONALD COLLEGE MILLVILLE N B	B SC AGR 2
HOYT RUTH 3561 PEEL ST MTL 14 HAWTHORNE AVE METHUEN MASS U S A	PH D 3 MA 0674
HUBEL DAVID HUNTER 15 GRANVILLE RD HAMPSTEAD QUE	MD CM 4 DE 9425
HUBERMAN RAE 1235 LAJOIE AVE OUTREMONT QUE	B SC 2 TA 4118
HUBLEY GORDON ERIK 4902 GROSVENOR AVE MONTREAL QUE	PARTIAL 0 DE 1847
HUBSCHER FRANK F 5245 COTE ST LUC RD APT 23 N D G MTL QUE	B C L 3 DE 7277
HUCKELL JOHN RICHMOND DOUGLAS HALL 11025 SASKATCHEWAN DR EDMONTON ALBERTA	MD CM 3 UN 0068
HUDON MARCEL JR MACDONALD COLLEGE 6832 DES ERABLES ST MONTREAL QUE	GRAD QUAL 1 VI 4029
HUDSON CALVERT M PRESBYTERIAN COLLEGE 199 WASHINGTON ST GLOUCESTER MASS U S A	B A 1 BE 0424
HUELS ILSE BERNICE 4887 DRAPER AVE MONTREAL QUE	B SC 2 WA 3814
HUELS WILBUR HENRY 4887 DRAPER AVE N D G MONTREAL QUE	B COM 2 WA 3814
HUGGARD JEAN ELOISE 3460 STE FAMILLE ST MTL NORTON NEW BRUNSWICK	M S W 3 MA 7214
HUGHES ALAN WILLIAM 4970 QUEEN MARY RD APT 1 MONTREAL QUE	B ENG PHY 3 EX 2116
HUGHES ARNOLD ALTON EAST ANGUS QUEBEC	B SC AGR 1
HUGHES JOHN KENRICK 5515 LA FOND ST MTL 49 TEIGNMOUTH AVE TORONTO ONT	B ENG EL 5
HUGHES WILLIAM PAUL BOX 260 STE ROSE DE LAVAL QUE	B ARCH 2
HUGICK STANLEY J R F D 1 RICHFIELD SPRINGS N Y	B SC 3
HUM VICTOR CHECK FOO 4451 CLARK ST MONTREAL QUE	B SC 4 PL 5551
HUMANN CHARLES AMEDEE 768 SHERBROOKE ST W APT 8 MONTREAL QUE CHATEAU DE JUAVE MONDAYE CALVADOS FRANCE	B ENG CI 3 HA 5839
HUMCHACK JOHN 6979 MARQUETTE ST MONTREAL QUE	B A 4 CR 7635
HUMPHREYS ALFRED C 3851 DUROCHER ST MTL HAILEYBURY ONT	D D S 3 HA 7778

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NAME ADDRESS	COURSE & YEAR TEL. NO.
HUNEAULT MARCEL 3404 ST ANTOINE ST MONTREAL QUE	B ENG 2 WI 3586
HUNGATE JOHN CHARLES 378 ELM AVE WESTMOUNT QUE	B ENG EL 5 WE 5954
HUNT GORDON GEORGE 1442 STANLEY ST APT 3 MONTREAL QUE SAWYERVILLE QUE	B ENG CI 4 BE 7164
HUNT GRANT CAMERON 5178 COTE ST ANTOINE RD MONTREAL QUE	B ENG 1 DE 0783
HUNT JOHN WALTER E 3548 HUTCHISON ST APT 4 MONTREAL QUE 805 LINDEN AVE VICTORIA B C	MD CM 4 PL 4140
HUNT TREVOR MORGAN 4820 ROSLYN AVE MONTREAL QUE 1280 OAK AVE SILLERY QUE	B ENG CH 3 AT 2498
HUNTEN JANET LUCIA 3464 HUTCHISON ST MTL 253 HURON ST LONDON ONT	M SC 1 MA 5109
HUNTER BEATRICE MARY MCLENNAN HALL BOX 35 PORT HOPE ONT	B S W 1 PL 0004
HUNTER CATHERINE R R V C R R 1 STREETSVILLE ONT	B SC P E 2 UN 0278
HUNTER CONRADO E MACDONALD COLLEGE ARTURO CLARO 1437 SANTIAGO DE CHILE	B SC 4
HUNTER GEORGE HOWARD 4668 UPPER ROSLYN AVE MONTREAL QUE	B SC 4
HUNTER RICHARD JAMES 1527A CRESCENT ST MONTREAL QUE	M ARCH 1 BE 9125
HUNTER ROBERT THOMAS 3592 UNIVERSITY ST MTL 502 BLVD DU HAVRE VALLEYFIELD QUE	B COM 2 PL 2435
HUNTON VERA DOBY 3585 HUTCHISON ST APT 301 MONTREAL QUE 705 FLORIDA AVE N E WASH 2 D C U S A	PH D 3 HA 5847
HUNTTING GERALD E 3637 UNIVERSITY ST MTL 2739 DEAN BLVD MINNEAPOLIS MINN U S A	B A 4 MA 1736
HURLEY HORACE WESLEY DOUGLAS HALL 20 CLENT RD GREAT NECK N Y U S A	MD CM 2
HURST NORMAN 4090 ROYAL AVE MONTREAL QUE	M A 2 WA 1156
HUSARUK EUGENE 10340 IBERVILLE ST MONTREAL QUE	MUS QUAL 1 DU 7402
HUSOLO HENRY 1040 MACKAY ST MONTREAL QUE	B SC 4 HA 6624
HUTCHINSON JILL REAY 4872 COTE DES NEIGES RD APT 12 MONTREAL QUE	B A 2 EX 0869
HUTCHISON JULIEN R 4871 COTE DES NEIGES RD MONTREAL QUE	B COM 4
HUTCHISON ALAN GAGE 40 ANWOTH RD WESTMOUNT QUE	B COM 2 WE 4153
HUTCHISON BARBARA B R V C P O BOX 155 OTTAWA ONT	B COM 1
HUTCHISON BRUCE KERR 764 UPPER LANSDOWNE AVE WESTMOUNT QUE	B ENG 1 EL 1807
HUTCHISON ELEANOR ANN 240 KENSINGTON AVE WESTMOUNT QUE	B A 2 FI 7770
HUTCHISON IAN EDMUND 764 UPPER LANSDOWNE AVE WESTMOUNT QUE	MD CM 1 EL 1807
HUTCHISON JAMES L 40 ANWOTH RD WESTMOUNT QUE	MD CM 2 WE 4153
HUTCHISON JOHN 532 PRINCE ALBERT AVE WESTMOUNT QUE	M COM 1 WA 1554
HUTCHISON LORNA C 223 METCALFE AVE WESTMOUNT QUE	B A 2 WI 7279
HUTCHISON WILLMAN D 341 5TH AVE VERDUN 15 LONDON ST SHERBROOKE QUE	B ENG CI 5 YO 7232
HUTTON FREDERICK A PRESBYTERIAN COLLEGE TERRILL RD PLAINFIELD N J U S A	B SC 4
HUYCKE OTTILIE ROSE R V C 67 GLEN ROAD TORONTO ONT	B SC P E 2
HYAMS BRAHM BALLON 467 MT STEPHEN AVE WESTMOUNT QUE	B SC 3 WA 3855
HYAMS RUTH BALLON 467 MT STEPHEN AVE WESTMOUNT QUE	B A 4 WA 3855
HYATT MURRAY PAUL 4538 DRAPER AVE N D G MONTREAL 28 QUE	B A 3 EL 8977
HYDE ERIC JOHN W 2060 PATRICIA ST N D G MONTREAL QUE	B ENG MCH 5 WA 9895
HYDE JOAN VAUGHAN 2054 SHERBROOKE ST W APT 17 MONTREAL QUE AMISFIELD BOUCHER RD BUDLEIGH SALTERTON S DEVON ENGLAND	PARTIAL 0 FI 2717
HYDE WILLIAM FARRELL 736 UPPER BELMONT AVE WESTMOUNT QUE	B COM 1 EL 9234
HYNDMAN AUSTIN S 3865 DRAPER AVE MONTREAL 28 QUE	B C L 2 DE 8263
HYNDMAN WILLIAM W B 635 10TH AVE LACHINE QUE	MD CM 3
HYPPONEN SAMPO W 1480 DORCHESTER ST W MONTREAL 25 QUE	B ENG 1 UN 2088

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NAME ADDRESS	COURSE & YEAR TEL. NO.
I	
IBBOTT JOHN WILLIAM 3466 MCTAVISH ST MTL 301 4TH AVE NEW WESTMINSTER B C	MD CM 1 LA 9533
IDE ALAN GRAHAM MACDONALD COLLEGE 2331 BEACONSFIELD AVE N D G MONTREAL 28 QUE	B SC AGR 4
ILLAS JOSEPH A 2047 UNION AVE MTL 712 DAMAS ST HAVANA CUBA	B SC 1 PL 0646
IMBLEAU YVONNE HELEN 620 PRINCE ARTHUR ST MTL 2106 MORRIS AVE UNION N J U S A	MD CM 2 BE 0725
IDER HARRY ALBERT 1774 CEDAR AVE MONTREAL QUE	MD CM 4 FI 0651
ING JEAN MACDONALD COLLEGE P O BOX 97 MORRISBURG ONT	B SC H EC 2
INGLESON GORDON A 4505 PRINCE OF WALES AVE N D G MONTREAL QUE	B ENG MCH 3 WA 2866
INGMIRE BARBARA W 327 MAPLE AVE ST LAMBERT QUE	MUS QUAL 1
INGRAM DONALD ERNEST 11361 LAGAUCHETIERE ST MONTREAL EAST QUE	B ENG 1
INGRAM EARLE LESLIE 3485 MCTAVISH ST MTL 56 VICTORIA ST OTTAWA ONT	B ARCH 5
INKAPOOL RAGNAR 5882 PARK AVE MTL FREDRIKS LUNDSVAGEN 16 STOCKHOLM SWEDEN	B COM 3 TA 5009
INKSTER DAVID 24 MILLER AVE GREENFIELD PARK QUE 147 HELMSDALE AVE E KILDONAN WINNIPEG MAN	B ENG EL 4
INNISS ROBERT PETER 3546 SHUTER ST MTL 638 DUNDONALD ST PORT OF SPAIN TRINIDAD	B ENG MCH 4
INSKY JUDITH BETTY 5003 JEAN BRILLANT AVE MONTREAL QUE	B A 3 AT 9547
IOANNOU PAUL 3514 HUTCHISON AVE APT 10 MONTREAL QUE 9 IPPOKRATOUS ATHENS GREECE	B A 2 LA 1825
IOSCH FRANK HENRY 1761 NORTH AVE OUTREMONT QUE	B ENG 1 AT 3253
IRVING GEORGE C MACDONALD COLLEGE ST ANICET QUE	AGR DIP 2
IRVING HAROLD A 3434 MCTAVISH ST MTL 3025 ELBOW DRIVE CALGARY ALTA	B A 4 PL 4492
IRVING STANLEY H 583 NOTRE DAME ST ST LAMBERT QUE	B D 1
IRWIN ANNE ELIZABETH R V C STE 5 OAKDALE COURT ST JAMES MAN	B A 2 UN 0038
IRWIN ELIZABETH D 432 QUEEN ST OTTAWA ONT 264 ARGYLE AVE VERDUN QUE	M SC 2
IRWIN GORDON F DOUGLAS HALL 4734 AUKAI ST HONOLULU T H	MD CM 3 UN 0277
IRWIN ISOBEL MAUD 78 SOMERVILLE AVE WESTMOUNT QUE MELBOURNE QUE	B SC P E 4 DE 6133
IRWIN LORNE CAMPBELL 7926 BIRNAM AVE PARK EXTENSION MTL QUE	MD CM 1
IRWIN MARY ISABEL MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 2
IRWIN PETER JOHN 461 STANSTEAD AVE TOWN OF MOUNT ROYAL QUE	B ENG 1 AT 1571
IRWIN ROBERT LOUIS 554 MILTON ST APT 1 MTL 626 UNIVERSITY DR SASKATOON SASK	PH D 2
ISA RICHARD 1554 STANLEY ST APT 48 MONTREAL QUE P O BOX 84 CURAGAO N W I	B ENG CI 3
ISANG ETIM UDO MACDONALD COLLEGE IBIBIO STATE COLLEGE IKOT EKPENE NIGERIA	B SC AGR 2
ISENBERG EDWARD MACDONALD COLLEGE 5386 HUTCHISON ST OUTREMONT QUE	B SC AGR 3 DO 8916
ISOMURA SOICHI 161A ST LUKE ST MONTREAL QUE	B SC 4 WE 4063
ISRAELOVITCH MYRNA 4662 ST URBAIN ST MONTREAL QUE	M SC 1 LA 9844
ISSENMAN PETER 595 BLOOMFIELD AVE OUTREMONT QUE	B ENG AM 4 CA 7335
IVERSEN JAMES ERIC 3380 RIDGEWOOD AVE MONTREAL QUE	M A 2 EX 5825
IVERSEN PAUL JOSEPH 6184 N D G AVE APT 35 MONTREAL QUE 8 SPRUCE AVE ESPANOLA ONT	MD CM 1 DE 2952
IVERSEN JOYCE JANNET R V C 8 SPRUCE ESPANOLA ONT	B A 1 MA 1932
IZZARD ANITA FRANCES 2060 PATRICIA AVE MONTREAL 28 QUE	B SC 3 DE 0360

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NAME ADDRESS	TEL. NO.	COURSE & YEAR
J		
JABLONSKI WERNER L 1563 MCGREGOR AVE MTL 2 MOORLAND TERRACE LEEDS 2 ENGLAND	FI 8302	PH D 2
JACK EILEEN LESLIE MACDONALD COLLEGE 5 BELMONT RD CROSS RDS JAMAICA B W I		B SC H EC 2
JACKIN PETER MICHAEL MTL GENERAL HOSPITAL 588 CHURCH AVE WINNIPEG MAN	PL 7751	D D S 4
JACKMAN MARTHA S MACDONALD COLLEGE 144 LYMAN AVE GRANBY QUE		B SC H EC 2
JACKSON BARBARA ANN 4966 PONSARD AVE N D G MONTREAL QUE	EL 4683	B A 1
JACKSON GARTH DIGBY PRESBYTERIAN COLLEGE 525 HATLEY ST MAGOG QUE	PARTIAL BE 0424	0
JACKSON LAWRENCE D 18 WICKSTEED AVE TOWN OF MOUNT ROYAL QUE	AT 4476	B ENG MCH 3
JACKSON LEO S 247 OUTREMONT AVE OUTREMONT QUE	CA 4592	B ENG 2
JACKSON MADELEINE F 247 OUTREMONT AVE OUTREMONT QUE	PARTIAL CA 4592	0
JACOBS BARBARA P 4326 SHERBROOKE ST WESTMOUNT QUE	WI 0682	B A 1
JACOBS DAVID MICHAEL 420 LANSDOWNE AVE WESTMOUNT QUE	WA 3898	B COM 1
JACOBS DAVID LLOYD 1295 DUCHARME AVE OUTREMONT QUE	CR 9073	B ENG 1
JACOBS ROSS DOUGALL 573 FORTUNE ST PTE ST CHARLES MTL QUE		M SC 1
JACOBSON HAROLD H 1490 CLOSSE ST APT 4 MONTREAL 25 QUE	FI 1364	B ARCH 6
JACOBSON MYRON J 4890 SHERBROOKE ST W MTL 21 SPENCER AVE LYNBROOK N Y U S A	DE 7522	B SC 1
JACOBSEN PER JOHN 204 WOOD AVE WESTMOUNT QUE	FI 7711	B ENG 2
JAMES CLARENCE E 4620 BARCLAY AVE MTL POND HILL PEMBROKE EAST BERMUDA		B SC 3
JAMES DOROTHY MARY R V C 31 COLLEGE STREET PORT HOPE ONT		B SC P E 2
JAMES HOWARD M 4850 BARCLAY AVE APT 9 MONTREAL QUE	TR 9397	B ENG MCH 5
JAMIL MOHAMAD BIN MACDONALD COLLEGE KEDAH MALAYA		B SC AGR 3
JAMISON GORDON C 3445 PEEL ST MTL 34 THOMAS ST LACHUTE QUE	HA 9462	B COM 3
JAMPOLSKY ABEY 5650 COTE ST LUKE RD APT 19 MTL 2908 OAK STREET VANCOUVER B C	DE 9173	B S W 1
JAMSHEDJI JIMMY S 3511 UNIVERSITY ST MTL C O J N TATA ENDOWMENT BOMBAY HOUSE BRUCE ST FORT BOMBAY INDIA	BE 0344	B ENG EL 5
JANE DOROTHY K 6 HOLMDALE RD HAMPSTEAD QUE	DE 8647	B A 1
JARDIM CLIFFORD F 1588 DUCHARME AVE OUTREMONT QUE	CA 4446	B ENG EL 4
JARRON ROBERT CAMERON 3560 VERDUN AVE VERDUN QUE	TR 8658	B ENG CH 4
JARVIS ADERY ANN I R V C EAST LAWN ST CLAIRSVILLE OHIO USA	UN 0296	B A 2
JARVIS SUSAN MACDONALD COLLEGE 525 KENWOOD AVE OTTAWA ONT ★ 39		B SC H EC 2
JASON HILLIARD K 480 TRENRON AVE TOWN OF MOUNT ROYAL QUE	EX 0828	B SC 2
JASON JOYCE MACDONALD COLLEGE 5224 JEANNE MANCE MONTREAL 8 QUE	CA 9798	TCH ELEM 1
JASON MARVIN WILLIAM 5224 JEANNE MANCE ST MONTREAL QUE	CA 9798	B ENG MCH 4
JAVET ERNEST AUGUSTE 1405 BELANGER ST APT 1 MONTREAL QUE	DO 8856	B C L 1
JAVID MANSOUR 3474 ADDINGTON AVE MTL 310 W 94TH ST NEW YORK 25 N Y U S A	DE 9696	PH D 2
JEANS PAUL FRANCIS WILSON HALL LYNWICK LUDGWICK SUSSEX ENGLAND		B ENG MI 3
JENKINS JOHN TREVOR 5843 SEVENTH AVE ROSEMOUNT MONTREAL QUE	AM 8331	B SC 2
JENKINS KENNETH J W 42 PERRAULT AVE STE ANNE DE BELLEVUE QUE		B SC AGR 4
JENKINS LEONARD C DOUGLAS HALL 1045 W 10TH AVE VANCOUVER B C	UN 2108	MD CM 3
JENKINS MARJORIE M MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE		M SC 4
JENNINGS KENNETH H 2047 UNION WEST MTL BATHURST N B	PL 0646	MD CM 1
JENNINGS PETER R 1801 DORCHESTER ST W MONTREAL QUE	WE 5167	B A 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
JENSEN IRIS CONSTANCE 3575 JEANNE MANCE MTL 116 ST BENOIT ST LA TUQUE QUE	GR N CERT 1 HA 6590
JENSEN JOSEPH EDGAR DOUGLAS HALL 94 FREMONT PL LOS ANGELES 5 CALIF USA	MD CM 1 UN 0277
JENSEN THORMO 3640 HUTCHISON ST APT 7 MONTREAL QUE NAICAM SASK	D D S 3
JENSEN WALTER MERTON 1321 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE 6 COVENTRY RD WORCHESTER MASS U S	B SC 1 AT 8335
JEPHCOTT BARBARA M MACDONALD COLLEGE CAMERON AVE HUDSON QUE	B SC H EC 3
JEPHCOTT JAMES [illegible] MACDONALD COLLEGE 53 CAMERON AVE HUDSON QUE	B SC AGR 1
JEPSEN BENTE S B 11366 ST GERMAIN BLVD MONTREAL QUE	B A 1 BY 1980
JEPSEN KAREN E MACDONALD COLLEGE 11366 ST GERMAIN BLVD CARTIERVILLE QUE	TCH INT 2 BY 1980
JERVIS GEORGE A 621 MILTON ST MTL 228 LAURENDALE ST BONIFACE MAN	B ENG EL 3 PL 3736
JESSOP ALBERT F EDMUNDSTON N B	B ENG MCH 4
JESSURUN CARDOZO S 134 ST JOSEPH BLVD W MONTREAL QUE SCHARIOOWEG 62 WILLEMSTAD CURACAO DUTCH WEST INDIES	B SC 2 CA 2890
JETTE LOUIS BRUNO 3485 MCTAVISH ST MTL LAPATRIE CO COMPTON QUE	B ENG EL 4 BE 0424
JOHN DON W 2071 GREY AVE N D G MTL 32 EDMUND ST ST CATHARINES ONT	★40 MD CM 3 DE 6060
JOHNSEN JOHN HAWK 4422 OXFORD AVE N D G MONTREAL QUE	B ENG 2 DE 6837
JOHNSON ANDREW JOHN 3300 RIDGEWOOD AVE APT 15 MONTREAL QUE	B SC 3 EX 6125
JOHNSON CHARLES A 2467 BENNY AVE MTL 28 DUNKIRK HASTINGS CH CH BARBADOS B W I	MD CM 1 WA 4882
JOHNSON DAVID M 440 MT STEPHEN AVE WESTMOUNT QUE	B ENG 2 EL 9207
JOHNSON DENIS B L 5767 DOUSSIN AVE OUTREMONT QUE	B COM 3
JOHNSON EARLE COLIN MACDONALD COLLEGE SPRINGVILLE PICTOU CO N S	B SC AGR 3
JOHNSON FRANKLIN R MACDONALD COLLEGE HAMPSTEAD R R 1 QUEEN S CO N B	B SC AGR 3
JOHNSON FREDERICK A 4581 KENSINGTON AVE N D G MONTREAL QUE 200 YALE AVE WINNIPEG MAN	PH D 4 DE 7918
JOHNSON JACQUELINE K R V C 330 N CHRISTINA ST SARNIA ONT	B SC 3 UN 0069
JOHNSON MARION M 4643 CLARKE ST W APT 14 WESTMOUNT QUE	B A 3 DE 0724
JOHNSON MAUREEN E MACDONALD COLLEGE ELLANGOWAN ST JOSEPH BARBADOS B W I	B SC H EC 2
JOHNSON ROBERT BRUCE 1627 LINCOLN AVE MTL BOX 174 GREENVILLE RHODE ISLAND U S A	B ENG CH 5 FI 7267
JOHNSON WILLARD J 5175 COTE ST LUC RD N D G MONTREAL QUE	PH D 2 DE 2145
JOHNSTON ALBERT C W 3466 MCTAVISH ST MTL 377 MILTON ST NANAIMO B C	MD CM 2 LA 9533
JOHNSTON ALFRED J M 5174 COTE DES NEIGES APT 22 MONTREAL QUE	MD CM 3 EX 0291
JOHNSTON DAVID IAN 3425 RIDGEWOOD AVE COTE DES NEIGES QUE	B SC 2
JOHNSTON ELIZABETH J 14 BROWN ST ST ANNE DE BELLEVUE QUE 3501 NORTHCLIFFE AVE N D G MONTREAL QUE	TCH ELEM 1
JOHNSTON EVERETT H 3805 DUPUIS AVE APT 20 MONTREAL QUE	MD CM 2 EX 7033
JOHNSTON GEORGE F 806 UPPER LANSDOWNE AVE WESTMOUNT QUE	B ENG EL 4 EL 1564
JOHNSTON GORDON M 754 UPPER LANSDOWNE AVE WESTMOUNT QUE	D D S 3 EL 4515
JOHNSTON HENRY S 352 FIFTH AVE VERDUN QUE	B ENG CH 5 YO 8690
JOHNSON JACK DURWARD MACDONALD COLLEGE R R 5 TRURO N S	B SC AGR 3
JOHNSTON JAMES C 3466 MCTAVISH ST MTL VANCOUVER B C 2958 W 28TH AVE	MD CM 1 LA 9533
JOHNSTON JOHN A 3485 MCTAVISH ST MTL 45 EUCLID AVE WATERLOO ONT	M A 1 RE 0424
JOHNSTON JOHN JAMES 3621 LORNE CRESENT MTL WOODSTOCK N B	MD CM 4 LA R013
JOHNSTON MORGAN C WESTMOUNT QUE 806 UPPER LANSDOWNE AVE	B C L 1 EL 1564
JOHNSTON NORMAN ATHOL 1482 BISHOP ST MTL 13 HIGHLAND AVE BELLEVILLE ONT	B SC 4 LA 5090
JOHNSTON ORVILLE M MACDONALD COLLEGE 200 ELGIN ST OTTAWA ONT	B SC AGR 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
JOHNSTON RICHARD C 4081 DORCHESTER ST APT 7 WESTMOUNT QUE	B ENG EL 5 YO 7462
JOHNSTON TUDOR WYATT 4048 GAGE RD MONTREAL 6 QUE	B ENG PHY 3 FI 6169
JOHNSTON WILLIAM 345 43RD AVE LACHINE QUE	B C I *
JOHNSTON WILLIAM W MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 2
JOHNSTONE ALAN G DOUGLAS HALL 61 SO PARADE WESTON PT RUNCORN CHESHIRE ENG	B SC 4 UN 0078
JOHNSTONE CAROLINE M R V C RIVER RD YOUNGSTOWN NEW YORK U S	B A 3 UN 0069
JOHNSTONE EMERSON G 5037 WALKLEY AVE N D G MONTREAL QUE	M S W 1
JOLICOEUR GERARD L 4163 ST ANDRE ST MTL 73 BLACKBURN AVE OTTAWA ONT	B ENG CI 5
JOLIVET VINCENT M DOUGLAS HALL 1498 3RD ST SHAWINIGAN FALLS QUE	B ENG CI 4 UN 0218
JONAS JOHN JOSEPH 3449 LAVAL AVE MONTREAL 18 QUE	B ENG 2 LA 9923
JONES ARNOLD ROBERT 3466 MCTAVISH ST MTL GRAND FORKS B C	MD CM 2 LA 9533
JONES BETTY 3417 UNIVERSITY ST MTL BANCROFT ONTARIO	B A 3 MA 0668
JONES DOUGLAS GORDON 3417 UNIVERSITY ST MTL BANCROFT ONT	B A 3 MA 0668
JONES ELEANOR IRENE 495 PRINCE ARTHUR ST W APT 4 MONTREAL QUE BEDFORD QUE	M A 2 HA 1990
JONES ELOISE A E R V C 3 GRAFTON RD KINGSTON JAMAICA B W I	B SC 3 UN 0088
JONES EVAN HURLEY 3489 STANLEY ST APT 102 MONTREAL 2 QUE	D D S 2 HA 6309
JONES FRANCIS BRUCE MACDONALD COLLEGE 1 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B SC AGR 1
JONES HUGH ARTHUR 449 CLARKE AVE WESTMOUNT QUE	B COM 4 WI 9295
JONES HELEN INGRID R V C BUNBURY FARMS CHARLOTTETOWN P E I	B A 3 UN 0097
JONES JOHN COFIE PRESBYTERIAN MISSION BOX BOX 3 WURUPONG NKONYA GOLD COAST WEST AFRICA	B SC 2
JONES JOHN HUBERT MACDONALD COLLEGE DEVONSHIRE SOUTH BERMUDA	AGR DIP 1
JONES MICHAEL JOSEPH STONE HAVERT HECTONS RIVER JAMAICA B W I	B SC AGR 1
JONES MURRAY VICTOR 1585 OUIMET ST APT 1R VILLE ST LAURENT QUE	M A 1 RY 7147
JONES PETER SEYMOUR MACDONALD COLLEGE BOX 21 PETITCODIAC N B	B SC AGR 4
JONES RAYMOND R DOUGLAS HALL 404 VICTORIA AVE BRANDON MAN	D D S 4 UN 0028
JONES ROBERT CODE 4913 WESTERN AVE WESTMOUNT QUE 801 MANAWAGONISH RD FAIRVILLE N B	MD CM 2 WA 3880
JONES SELWYN GAULD 452 BOURGEOIS ST MONTREAL 22 QUE	B ENG MCH 5 WI 0635
JONES WHITTEY CHARLES 3625 ST URBAIN ST MTL 344 PRINCE EDWARD DRIVE KINGSWAY PARK TORONTO 18 ONT	B ENG EL 5 HA 1375
JONES WILLIAM FRANK 4844 WILSON AVE N D G MONTREAL QUE	MD CM 1 EL 5423
JONKLAAS ANNE CECIL R V C DEER PARK AVE BABYLON LONG ISLAND N Y	P A 3 UN 0107
JONSSON ASGEIR 458 ELM AVE MTL GARDASTRAETI 33 REYKJAVIK ICELAND	P ENG CI 4 WI 2389
JORDAN GRAHAM A B 523 PINE AVE W MTL BOX 802 FONTHILL ONT	B SC 1
JORDAN LAURANCE T 3445 PEEL ST MONTREAL 2 QUE	MD CM 3 HA 9462
JORDAN ROBERT HENRY 3445 PEEL ST MTL 2F CENTRAL RD HALF WAY TREE JAMAICA	B ENG EL 3 HA 9462
JORGENSEN HALDIS B 52 SUMMIT CIRCLE WESTMOUNT QUE	B A 2 WI 3826
JORON GUY ERNEST 714 DE L EPEE AVE MONTREAL 8 QUE	MED DIPL 4
JOSEPH HAROLD ROWAN 205 EDGHILL RD WESTMOUNT QUE	B SC 1 EL 2615
JOSS DONALD GREENLEAF 5420 N D G AVE MTL 281 CHARLES ST BELLEVILLE ONT	B COM 2 DE 9494
JOST HAROLD MORSE 66 DORCHESTER ST E MTL 171 WAVERLEY ST OTTAWA ONT	MED DIPL 2 PL 7751
JOURDAN DAVID BRUCE 3485 MCTAVISH ST MTL 6 BIGELOW AVE SCHENECTADY N Y U S A	B COM 3 BE 0420
JOWSEY JAMES R MACDONALD COLLEGE SALTCOATS SASKATCHEWAN	PH D 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
JOY ROBERT C 45 56TH AVE APT 3 LACHINE QUE	MD CM 4
JOYCE DONALD 4060 GREY AVE MONTREAL QUE	B COM 2 DE 0942
JOYNER LIONEL BERRY 4386 OLD ORCHARD AVE MONTREAL 28 QUE	COM 1 WA 5495
JUBIEN WILLIAM ERNEST 150 VIVIAN AVE TOWN OF MOUNT ROYAL QUE	B ENG 2 AT 1357
JUBY MALCOLM CARL PRESBYTERIAN COLLEGE AUSTIN QUE	B SC 1
JUBY MAXWELL LLOYD PRESBYTERIAN COLLEGE R R 1 AUSTIN QUE	B SC 3
JUDGE ALICE ELIZABETH 302 GROSVENOR AVE WESTMOUNT QUE	B F A 3 WE 5376
JUE AGNES LANA 3573 PARK AVE MONTREAL QUE	PHYSIOTH 3 HA 8036
JUE DONALD 3573 PARK AVE MONTREAL QUE	B ENG 1 HA 8036
JULIAN PETER THOMAS 1480 BISHOP ST MTL 591 KING ST WOODSTOCK ONT	B ENG 1
JULIEN GUY JOS C 5139 EARNSCLIFFE AVE MTL 336 MAIN ST FARNHAM QUE	B ENG PHY 3
JUNEAU JACQUES ANDRE 1634 BEAUDRY ST MTL 13C 4TH ST SHAWINIGAN FALLS QUE	B ENG CH 4
JUTRAS PIERRE JEAN J MACDONALD COLLEGE 4486 MELROSE N D G MONTREAL QUE	B SC AGR 4

K

NAME ADDRESS	COURSE & YEAR TEL. NO.
KACAREVICH RASTKO 3432 DRUMMOND ST MTL YUGOSLAVIA	B A 4 LA 8835
KAHAN IRWIN JOSEPH 2066 LINCOLN AVE MONTREAL QUE	M S W 1 WE 1800
KAHN AMNON 5803 PLANTAGENET AVE MONTREAL 26 QUE	B SC 3 AT 2061
KAHN ASHER 1829 NORTH AVE OUTREMONT QUE	B SC 1 EX 7090
KAHN ELI 2658 SOISSONS AVE MONTREAL 26 QUE	B COM 3 AT 1887
KAHN MIRIAM NAOMI R V C 66 LURA ST LOWELL MASS U S A	B A 1
KALIL JAMES GEORGE 7504 ST HUBERT ST MTL 634 SYDNEY ST CORNWALL ONT	B ENG CH 3 CA 0247
KALIN ISADORE 4095 KENT AVE MONTREAL 26 QUE	B ARCH 6
KALIN LEO 4095 KENT AVE MONTREAL QUE	B ENG 2 AT 2621
KALMANNASCH BETTY 400 KENSINGTON AVE APT 32 WESTMOUNT QUE	M S W 2 WE 8801
KALTER HAROLD 3780 ST CATHERINE RD MONTREAL QUE	M SC 1 AT 6263
KANE JOSEPH A DOUGLAS HALL 56 ARTILLERY ST QUEBEC CITY QUE	B ENG EL 4 MA 7605
KANEB MARILYN I R V C 136 FOURTH ST E CORNWALL ONT	B A 1
KANTOR ELEANOR G 671 QUERBES AVE OUTREMONT QUE	B A 3 DO 0697
KAPE SHIRLEY H 4574 HARVARD AVE N D G MONTREAL QUE	B A 1 WA 7806
KAPLAN EVELYN MACDONALD COLLEGE 6259 DE VIMY AVE MONTREAL QUE	TCH ELEM 1
KAPLAN GERALD 83 GOVERNMENT RD E KIRKLAND LAKE ONT	B SC P E 1
KAPLAN JOSEPH SAMSON 3617 LORNE CRESCENT MONTREAL QUE	B C L 3 LA 8013
KAPLANSKY DAVID S 4389 CITY HALL AVE MONTREAL QUE	D D S 4 MA 9626
KAPLANSKY GOLDIE 5597 HUTCHISON ST MONTREAL QUE	B A 3 DO 9759
KAPPHAHN KENNETH H 539 PINE AVE MTL 111 N HARTH AVE MADISON SO DAKOTO U S A	B SC 3
KARALOPOULOS N E 1305 PINE AVE W MONTREAL QUE	PH D 2 HA 5831
KARN GORDON M 4380 HARVARD AVE MONTREAL QUE	MED DIPL 5 WA 3141
KARPMAN JACK 4582 CLARK ST MONTREAL QUE	B ARCH 3 PL 4324
KARREL ISRAEL 5735 COTE DES NEIGES RD 108 PARK ST SYDNEY N S	MED DIPL 2 EX 3490
KASHKET SHELBY 4831 ST URBAIN ST MONTREAL QUE	B SC 3 HA 8487
KASIPER PAUL 3495 VENDOME AVE N D G MONTREAL QUE	B A 1 DE 2369
KASMAR JAMES JOSEPH 360R STE FAMILLE ST MTL ESTERHAZY SASK	MD CM 4 HA 8916
KASPARDLOV MELVIN 2497 CHANDLER RD WINDSOR ONT	B ENG MCH 5
KASTNER GERTRUDE 819 DOLLARD AVE OUTREMONT QUE	B F A 1 VI 2081

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NAME ADDRESS	COURSE & YEAR TEL. NO.
KASTNER SIDNEY OSCAR 4585 DUPUIS AVE APT 9 MONTREAL QUE	M SC 1 AT 5862
KASTNER ZELLA 819 DOLLARD AVE OUTREMONT QUE	B F A 1 VI 2081
KATRUSIAK JOSEPH M WILSON HALL 2321 BRODER ST REGINA SASK	B ENG 2
KATZ ALLEN RONALD 4260 ST URBAIN ST APT 3 MONTREAL QUE	B ENG 1 HA 7049
KATZ LEO 5356 JEANNE MANCE ST MONTREAL QUE	GRAD QUAL 1 CR 7726
KATZ MYER 258 VILLENEUVE ST W MONTREAL QUE	M S W 1 LA 7093
KAUNAT GERHARD ERIC 2223 MARCIL AVE N D G MONTREAL QUE	B ENG 2 DE 2201
KAUSHANSKY HARRY 5435 WAVERLY ST MONTREAL QUE	B COM 4 CR 0427
KAVANAGH ROSE FAITH 3570 STE FAMILLE ST MONTREAL QUE	B A 1 LA 8968
KAWAI GORDON HARUO 7121 10TH AVE VILLE ST MICHEL QUE	B ENG 1 GR 7279
KAY CYRIL MAX DOUGLAS HALL 218 5TH AVE EAST CALGARY ALTA	B SC 3 UN 0199
KAY GEORGE MILLEDGE MACDONALD COLLEGE HAMPTON N B	B SC AGR 3
KAY ROBERT ALAN 3508A PARK AVE MTL CHAZY NEW YORK U S A	D D S 3
KEAN ECCLESTON A MACDONALD COLLEGE 1 CONNOLLEY AVE KINGSTON JAMAICA B W	M SC 1
KEARNEY ROBERT ALLEN 362 PRINCE ALBERT AVE WESTMOUNT QUE	B SC 4
KEATING WILLIAM P 54 THORNHILL AVE WESTMOUNT QUE	B C L 3
KEAYS HUGH ROBIN M DOUGLAS HALL 1012 EAST SYLVAN AVE WHITEFISH BAY MILWAUKEE WIS U S A	B A 4 UN 0119
KEEB DIANA 5240 DALOU ST MONTREAL QUE	B A 1 WA 7889
KEEFE THOMAS JOSEPH MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 2
KEEFLER LOIS MARY ANN MACDONALD COLLEGE 211 BUENA VISTA RD OTTAWA ONT	HOMEMAKER 1
KEENAN DANIEL MACDONALD COLLEGE 84 KING ST CHARLOTTETOWN P E	B SC AGR 4
KEENAN PATRICK JOHN 4434 BORDEAUX ST MONTREAL QUE	B COM 2 AM 4555
KEEP ROBERT WILLIAM 4392 HARVARD AVE MONTREAL 28 QUE	B ENG 2 WA 8227
KEEPING KIMBALL JOHN MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 2
KEEVER EDWARD DUDLEY 546 MILTON ST MTL 21 CLOVE RD NEW ROCHELLE N Y U S A	MD CM 2
KELEHER WILLIAM E C O SCHOOL OF PHYS ED 716 CHAPEL ST WEST ST JOHN N B	B SC P E 3
KELIHER THOMAS L FIELDHOUSE 110 DALY AVENUE OTTAWA ONT	B SC P E 2 PL 3332
KELLEY FRANCIS JOHN 3608 OXENDEN ST MTL 16 WHITNEY AVE SYDNEY N S	MD CM 3 PL 1305
KELLEY ROSEMARY 4127 WILSON AVE MONTREAL 28 QUE	B A 3 DE 0108
KELLIE ROSS FRASER 630 BRAULT AVE VERDUN QUE	B COM 2 TR 5284
KELLY ARTHUR JOHN 490 4TH AVE VERDUN QUE	B C L 1 YO 6670
KELLY ARTHUR MICHAEL 632 BELMONT AVE MTL 24 GLENRIDGE CRESCENT ST JOHN S NFLD	B ARCH 3 EL 3401
KELLY FRANCIS HENRY 4046 GRAND BLVD N D G MONTREAL QUE	B ENG CI 5 EL 4676
KELLY JOHN JOSEPH 4046 GRAND BLVD MONTREAL 28 QUE	MD CM 3 EL 4676
KELLY LAWRENCE 629 PRINCE ARTHUR ST W MONTREAL QUE 3805 30TH AVE VERNON B C	D D S 1
KELLY RAYMOND GERARD WILSON HALL 42 INGLEWOOD PL OTTAWA ONT	B SC 3 UN 0286
KELLY WILLIAM F PRESBYTERIAN COLLEGE 2336 ROBINSON ST REGINA SASK	B ARCH 3
KELSALL MARY WARREN 2316 BEACONSFIELD AVE N D G MONTREAL QUE	B A 2 WA 4738
KEMP FORSTER ANDERSON 185 BEDBROOK AVE MONTREAL WEST 28 QUE	B SC 1
KENKEL ELIZABETH L MACDONALD COLLEGE 5609 QUEEN MARY RD HAMPSTEAD QUE	HOMEMAKER 1
KENNEDY BYRL JAMES 525 EAST 68TH ST NEW YORK 21 N Y U S A	M SC 2
KENNEDY CLYDE C 2056 VICTORIA ST APT 1 MONTREAL QUE	M A 1 LA 3875
KENNEDY DAVID HOWARD WILSON HALL 275 SPRINGFIELD RD ROCKCLIFFE OTTAWA ONT	B ENG MCH 4 UN 0169

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NAME ADDRESS	COURSE & YEAR TEL. NO.
KENNEDY HAROLD W WATERBURY CENTER VERMONT U S A	D D S 3
KENNEDY JOHN DENNIS L DOUGLAS HALL CARNDIFF SASK	D D S 1
KENNEDY NAN VERNA 6 BELFRAGE RD WESTMOUNT QUE	B A 1 WA 2423
KENNEDY RICHARD F 5025 SHERBROOKE ST W MTL HARBOUR MAIN NEWFOUNDLAND	MD CM 4 EL 5962
KENNEDY RICHARD H 6922 DE MONTMAGHY AVE MONTREAL 20 QUE	B ENG CI 5 TR 4825
KENNERLY BENJAMIN F 3581 UNIVERSITY ST MTL 302 SO KINGSWAY AVE TORONTO ONT	B COM 3 MA 3842
KENNEY GERARD ISAIE 3515 CARTIER ST MONTREAL QUE	B ENG 2
KENNEY THEODORE C 591 DESAULNIERS BLVD ST LAMBERT QUE	B ENG CI 3
KENNING IAN STUART 554 PRINCE ARTHUR ST W MONTREAL QUE BEACH DRIVE VICTORIA B C	MED DIPL 1 BE 4063
KENT KENNETH GEORGE 3429 PEEL ST MTL 8 NEVILLE DRIVE LONDON N 2 ENG	B A 4 PL 7385
KENT LEONARD EDWARD 760 44TH AVE LACHINE QUE	B SC 3
KEON JOHN ARNOLD 542 SHERBROOKE ST W MTL SHEENBORO QUE	B ENG MCH 4 BE 0318
KEPRON DONALD 3647 UNIVERSITY AVE 729 BURROWS AVE WINNIPEG MAN	D D S 1 MA 2806
KERBY DOROTHY B 406 PINE AVE W APT 25 MONTREAL QUE 176 WOODHAVEN BLVD WINNIPEG MAN	M S W 1 LA 0962
KERMAN MERVYN H 3427 PRUD HOMME AVE N D G MONTREAL QUE	B COM 3 DE 6028
KERR ALISON GLENTON 5591 COTE DES NEIGES RD MONTREAL QUE	B A 4 EX 1627
KERR DAVID ROSS MACDONALD COLLEGE 329 CHESTER AVE TOWN OF MOUNT ROYAL QUE	B SC AGR 1 AT 2103
KERR EDWIN FRANCIS PRESBYTERIAN COLLEGE 41 CATHERINE ST GLACE BAY N S	B SC 2
KERR MARY JANE 4095 COTE DES NEIGES RD APT 9 MONTREAL QUE	B A 3 WI 4514
KERR WILLIAM R D JR 4412 ST CATHERINE ST W WESTMOUNT QUE	B ENG 1 FI 5838
KESSEL HECTOR JOSEPH 4905 COOLBROOK AVE MTL 2391 WEBB AVE BORNX 63 N Y U S A	B ENG 1 EL 4647
KESSLER IRVING 5560 CLARK ST MONTREAL QUE	B ENG 1 CR 9888
KETCHUM ROBERT JAY MACDONALD COLLEGE THE GROVE LAKEFIELD ONT	B SC AGR 3
KHAN GANEM MACDONALD COLLEGE WARRENVILLE CUNUPIA TRINIDAD B W I	AG AD DIP 3
KIBBLEWHITE ROBERT C 6874 MOUNTAIN ST MTL BALZAC ALBERTA	B A 3 TR 2615
KIDD JEAN ELIZABETH 231 CARLYLE AVE TOWN OF MOUNT ROYAL QUE	B A 2 AT 7324
KIELY JAMES ALFRED 629 NOTRE DAME AVE ST LAMBERT QUE	B ENG EL 5
KIERNAN TERRENCE T 249 8TH AVE ST EUSTACHE SUR LE LAC	B ENG CI 4
KILGOUR FRANKLIN A MACDONALD COLLEGE YARM QUE	AGR DIP 1
KILLORAN DOROTHY I MACDONALD COLLEGE 882 MERCURE BLVD DRUMMONDVILLE QUE	B SC H EC 1
KILPATRICK DAVID G 4078 KINGSTON AVE N D G MONTREAL QUE	B D 1 DE 7613
KIMMEL ABRAHAM EARL 4708 JEANNE MANCE ST MONTREAL QUE	B A 3 PL 6352
KIMPTON LLOYD W MACDONALD COLLEGE 4300 BEACONSFIELD AVE APT 3 N D G MONTREAL QUE	B SC AGR 3
KIMURA AKIRA 2111 DELISLE ST MONTREAL QUE	B SC 4
KINDERSLEY PETER G 4010 COTE STE CATHERINE OUTREMONT QUE	B ENG MCH 4 EX 5052
KING BERNARD GEORGE 5372 SHERBROOKE ST W N D G MONTREAL QUE	B ENG CI 4 EL 6302
KING HAMILTON D MACDONALD COLLEGE BRIDGETOWN BARBADOS B W I	B SC AGR 3
KING HUGH JOSEPH 3419 UNIVERSITY ST MTL SAND HILLS DEMERARA RIVER B GUIANA	B SC 1 MA 0668
KING HUGH LLOYD 293 LAFAYETTE AVE MONTREAL SOUTH QUE	B SC 2
KING JAMES BARRY 481 PRINCE ARTHUR ST W MONTREAL QUE 330 UNIVERSITY AVE FREDERICTON N B	MD CM 1 LA 9489
KING JOHN KENNETH 481 PRINCE ARTHUR ST W MONTREAL QUE 330 UNIVERSITY AVE FREDERICTON N B	MD CM 1 LA 9489
KING JOAN SHIRLEY 149 BALFOUR AVE TOWN OF MOUNT ROYAL QUE	B F A 1 AT 2581
KING MARGARET MARY 1038 VALIQUETTE AVE VERDUN QUE	B A 4 TR 4330

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NAME ADDRESS	TEL. NO.	COURSE & YEAR
★41 KING PETER TALLON 5687 COTE ST ANTOINE RD MONTREAL QUE BARBAREES HILL ST MICHAEL 8 BARBADOS	DE 0929	B ENG 2
KING PRISCILLA M R V C 109 CHEYNE WALK LONDON S W 10 ENGLAND	PARTIAL UN 0158	0
KING ROGER ALISON 152 SANFORD AVE ST LAMBERT QUE		B COM 3
KINGMAN ABNER JR 1524 SUMMERHILL AVE MONTREAL QUE	FI 1361	B SC 4
KINGSFORD MAURICE R DIOCESAN COLLEGE THE RECTORY NUNEHAM COURTNAY OXFORD ENGLAND		S T M 1
KINGSMILL DIANA P 8 BELVEDERE RD WESTMOUNT QUE	WI 1893	B SC 2
KINGSTON GEORGE LEO 383A OLD ORCHARD AVE MTL NEWCASTLE N B	EL 5115	B ENG MCH 4
KINGSTON PETER B DIOCESAN COLLEGE 324 LAURIER AVE QUEBEC CITY QUE		B D 2
KINGSTONE DANIEL 481A CITY HALL AVE MONTREAL QUE	BE 6238	B A 2
KINGSTONE EDDIE 481A CITY HALL AVE MONTREAL QUE	BE 6238	B SC 3
KINGSTONE REUBEN 4882 ST URBAIN ST MONTREAL 14 QUE		B ENG 2
KINNAIRD GORDON A MACDONALD COLLEGE 109 QUEEN ST TRURO N S		B SC AGR 4
KINNEAR DOUGLAS G 545 PINE AVE W MTL 74 CASOT AVE QUEBEC CITY QUE	MA 1545	MD CM 3
KINSMAN LUCY A R 521 PRINCE ARTHUR ST MTL 28 WRIGHT ST SAINT JOHN N B	HA 1839	M S W 0
KIPNIS NORMAN 1035 JEAN TALON ST W APT 5 MONTREAL QUE	DO 7621	B ENG MI 4
KIPPEN JOHN MELVIN MACDONALD COLLEGE R R 1 GREENFIELD ONT		B SC AGR 3
KIRBY CHRIS G M 5767 TRANS ISLAND AVE MONTREAL 29 QUE	AT 0873	B ENG EL 3
KIRBY ROYAL CUSHMAN 1060 GOHIER ST VILLE ST LAURENT QUE	BY 3480	MD CM 3
KIRK LOUISA DIANE 5152 N D G AVE MONTREAL 28 QUE	EL 1519	PHYSIOTH 2
KIRKPATRICK DORTHY J MACDONALD COLLEGE 2820 HILL PARK RD MONTREAL QUE		HOMEMAKER 1
KIRKPATRICK VIVIAN B 6 CHICORA AVE TORONTO 6 ONT		GR N CERT 1
KIRSCH MARTIN J 684 BELMONT AVE WESTMOUNT QUE	WA 6538	B COM 2
KIRSH DAVID MAXWELL 5955 COTE ST ANTOINE RD APT 6 MONTREAL QUE	DE 5404	B COM 2
KIRTHISINGHE B P MACDONALD COLLEGE 34 SARANANKARA RD DELIWALE CEYLON		B SC AGR 4
KIRTON CECIL RALPH 484 PRINCE ARTHUR W MTL WHITEHALL RD ST MICHAEL BARBADOS	BE 7230	D D S 1
KITCHING HAROLD M 6 BOIVIN ST CHATEAUGUAY STN QUE 15 WENTWORTH ST PLYMOUTH N H U S A		M ENG 1
KLAMKA SUSAN 5308 PARK AVE APT 5 MONTREAL QUE	TA 6602	B A 3
KLASSEN NORMAN VICTOR 4566 PATRICIA AVE N D G MONTREAL QUE	DE 6256	B SC 1
KLATZO IGOR 3801 UNIVERSITY ST MTL 2319 ST CATHERINE RD MONTREAL QUE	PL 1951	M SC 1
KLEIN ANNETTE SANDRA 5194 WESTBURY AVE MONTREAL QUE	EL 0624	B A 4
KLEIN ARTHUR 4651 CLANRANALD AVE MONTREAL QUE	EL 3693	B SC 2
KLEIN GEORGE MARVIN 654 MURRAY HILL AVE WESTMOUNT QUE	EL 6251	B COM 2
KLEIN LOIS RUTH 3657 WESTMOUNT BLVD WESTMOUNT QUE	DE 3363	B A 2
KLEIN RUDOLPH HENRY 29 LAMARCHE ST STE ANNE DE BELLEVUE QUE		B SC AGR 0
KLEIN WILLIAM 3700 HENRI JULIEN AVE MONTREAL 18 QUE	PL 4022	B ARCH 2
KLENIEWSKI CHRISTIAN		B ENG 2
KLEPPER DAN 3205 LINTON BLVD APT 11 MONTREAL QUE	EX 4791	B ENG CH 3
KLINCK HAROLD R MACDONALD COLLEGE R R 2 GORMLEY ONT		M SC 1
KLYM PETER 2550 MONTGOMERY ST MONTREAL QUE	FA 7841	B SC 3
KNAPP DOUGLAS MURRAY 1041 VALIQUETTE ST VERDUN QUE	TR 4138	B COM 2
KNAPP RUSSELL FRANK MACDONALD COLLEGE 1041 VALIQUETTE ST VERDUN QUE		B SC AGR 2
KNIGHT ALLAN FRANK 246 BROOKFIELD AVE TOWN OF MOUNT ROYAL QUE	EX 9200	B ENG MCH 5
KNIGHT EDGAR G MACDONALD COLLEGE 2452 ROZEL ST PT ST CHARLES MTL 23 QUE		TCH INT 1
KNIGHT HENRY STUART 21 STRATHMORE BLVD STRATHMORE QUE		B SC 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
KNOWLES CHARLES L MACDONALD COLLEGE 4066 GRAND BLVD N D G MONTREAL QUE	AGR DIP 2 EL 4617
KNOWLES NORMA ISOBEL MACDONALD COLLEGE R R 1 RICHMOND QUE	B SC H EC 3
KNOWLTON PETER H 5568 QUEEN MARY RD HAMPSTEAD QUE	B ENG 1 EL 4332
KNOX DONALD M MACDONALD COLLEGE CARLETON PLACE ONT	B SC AGR 4
KNUBLEY PETER RUSSELL 4608 MARCIL AVE N D G MONTREAL QUE	B COM 4 DE 1851
KNUTSON GORDON H 1563 MCGREGOR ST MTL 3631 VICTORIA AVE REGINA SASK	D D S 3 FI 8302
KOBERNICK ELI DAVID 1503 DUCHARME AVE OUTREMONT QUE	B SC 2 CA 5291
KOBERNICK SIDNEY D 3070 LINTON AVE APT 10 MONTREAL QUE	PH D 3 EX 2114
KOCH GORDON MATTHIAS 690 VICTORIA AVE WESTMOUNT QUE	B ARCH 3 DE 4183
KOCHEN JOSEPH A 1222 LAJOIE AVE OUTREMONT QUE	B SC 3 VI 6476
KOCHEN SIMON BERNARD 1222 LAJOIE AVE OUTREMONT QUE	B SC 1 VI 6474
KOHUT NESTER CLARENCE 1470 CHOMEDY ST APT 1 MONTREAL QUE EMPRESS ALTA	B SC 3 FI 8737
KOLBER LEO ERNEST 3485 VAN HORNE AVE MONTREAL QUE	B C L 2 EX 5975
KOLBER LOIS BRINA MACDONALD COLLEGE 885 STUART AVE MONTREAL QUE	TCH ELEM 1 CA 4733
KOLBER NATALIE RAE 5610 DUROCHER AVE OUTREMONT QUE	B A 3 GR 7355
KOLISNYK ZEN 169 NAPOLEON ST MONTREAL 18 QUE	B ENG 1
KOLOTINSKY DAVE 3814 CLARK ST MONTREAL QUE	B A 2 BE 5826
KOLUPANOWICZ SAMUEL 4075 COLONIAL AVE MTL R R 2 GENERAL DELIVERY ST CATHARINES ONT	B ENG MCH 5
KON CHARLES 1817 NORTH AVE OUTREMONT QUE	B COM 2 EX 7844
KOOP JACOB 1520 DECARIE BLVD APT 37 VILLE ST LAURENT ALTONA MAN	PH D 2
KOPIN IRWIN JEROME 3583 HUTCHINSON ST MTL 1104 CARROLL PL BRONX 56 N Y U S A	B SC 4 PL 2564
KOPPEL PAUL MARTIN 536 SHERBROOKE ST W 83 ST PAUL ST BROOKLYN 46 MASS	B SC 2 PL 0180

NAME ADDRESS	COURSE & YEAR TEL. NO.
KOPSTEIN ROGER J 3610 DUROCHER ST APT 38 MONTREAL QUE 470 TWIN OAK RD SOUTH ORANGE N J U S A	B A 2
KORCZ VICTOR CHARLES 6425 10TH AVE ROSEMOUNT QUE	B ENG 2 GR 6792
KORMAN DAVID SHELDON 5576 WOODBURY AVE MONTREAL 26 QUE	B COM 1 AT 5016
KORNACHUK ANATOLE 793 12TH AVE LACHINE QUE	B ENG 2
KORNBLUTH MARTIN 288 MCDOUGALL AVE MONTREAL QUE	B SC 1 DO 1857
KOROZINSKI JACK A 4645 CLARK ST MONTREAL QUE	L MUS 3 MA 2524
KORSKI JAMES EUGENE 3561 HUTCHISON ST MONTREAL QUE	B ENG MI 5 LA 0564
KOSAKA SHIZUYE 3721 HUTCHISON ST MONTREAL QUE	B SC 3 PL 4663
KOSS BARBARA MALCA 863 CHAMPAGNEUR AVE MONTREAL QUE	B SC 1 CR 6989
KOSTAL CARL R 432 ROSLYN AVE MTL PRAIRIE CITY OREGON U S A	MD CM 4 DE 0643
KOTLER JULIAN 839 DOLLARD AVE OUTREMONT QUE ★42	B SC 1 CA 0819
KOVACK ERNEST 1490 FORT ST APT 311 MONTREAL QUE 883 COLBORNE ST E BRANTFORD ONT	B SC 4
KOVALCHUK PAUL 421 PRINCE ARTHUR W MTL 68 CONKLIN AVE BINGHAMTON N Y U S A	B COM 2 HA 1503
KOVALSKI VOJISLAV 1441 MACKAY ST MTL PLEVLJE YUGOSLAVIA	B A 3 PL 0798
KOWAL WALTER 354 ARGYLE AVE VERDUN QUE	B SC 3
KOWALSKI BRONISLAW 3465 COTE DES NEIGES RD APT 31 MONTREAL 25 QUE	B ENG MCH 5 WI 2746
KOSIAR APPOLENARIE O 3555 JEANNE MANCE APT 8 MONTREAL QUE GREAT DEER SASK ★43	D D S 2 LA 3339
KOZIAR EDWIN LEONID 3555 JEANNE MANCE APT 8 MONTREAL QUE GREAT DEER SASK	D D S 2 LA 3339
KOZLOWSKI JOSEPH J 325 2ND AVE VERDUN QUE	B ENG MCH 3 YO 7285
KRAKOW HYMAN LEON 761 STUART AVE OUTREMONT QUE	B ENG 1 VI 6970
KRAMER EVA 454 WILLOWDALE AVE APT 6 OUTREMONT QUE	PHYSIOTH 1 AT 7809
KRANCK SVANTE H 4803 MELROSE AVE N D G MONTREAL QUE	B SC 2 WA 9764

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NAME ADDRESS	TEL. NO.	COURSE & YEAR
KRANCK ELIZABETH M 4803 MELROSE AVE N D G MONTREAL QUE	WA 9764	B SC 1
KRASHINSKY ESTHER 3733 MACKENZIE AVE MONTREAL QUE	EX 6493	L MUS 2
KRAULIS ALVIS 1045 ST VIATEUR AVE OUTREMONT QUE		B ENG MCH 3
KRAUSE CALVIN C 3556 STE FAMILLE ST MTL JANSEN SASK	LA 7703	MD CM 4
KRAUS MICHAEL JOSEPH 3841 MELROSE AVE N D G MONTREAL QUE	DE 4527	B ARCH 2
KRAWCHUK THEODORE 6763 DE LORIMIER AVE MTL 402 CHARLES ST WINNIPEG MAN	VI 8275	D D S 2
KRONISH DONALD PAUL 3543 LORNE AVE 525 EAST 14TH ST NEW YORK N Y U S A	HA 6073	M SC 1
KRONK ARTHUR WHITNEY 3441 PEEL ST MTL 207 BELLEVILLE AVE BELLEVILLE N J U S A	BE 7017	B SC 4
KRUGER EARL 2100 VAN HORNE AVE APT 14 MONTREAL QUE	EX 0729	B A 3
KRUKAR MILAN 67 VERCHERES ST MONTREAL 18 QUE		B SC 1
KRUYT ROBERT ARY 1110 DUNVEGAN AVE TOWN OF MOUNT ROYAL QUE	AT 4468	B ENG MCH 5
KUBINA STANLEY JAMES 7539 WISEMAN AVE MONTREAL QUE	GR 3625	M ENG 1
KULA MORRIS 5497 TRANS ISLAND AVE MONTREAL QUE	EL 9752	B ARCH 4
KULBA MORRIS A 7093 FABRE ST APT 3 MONTREAL QUE	VI 7162	B A 4
KUMAMOTO YURIKA 7198 PAPINEAU AVE MONTREAL QUE	GR 5076	B SC 4
KURTZ FISCHEL JOSEPH 3828 CITY HALL AVE MONTREAL QUE	BE 7921	B SC 3
KURTZ JACK PHILLIP 3436 DUROCHER AVE APT 11 MONTREAL QUE 169 LINDEN AVE EAST KILDUNAN MAN	BE 9816	B COM 4
KUSHNER ARNOLD 254 DECARIE BLVD ST LAURENT QUE	BY 7941	MD CM 1
KUSANER DONN JEAN 475 MILTON ST MTL 617 BANK ST LAKE CHARLES LA U S A	AT 3509	PH D 2
KUZMAK JOSEPH MILTON ★44 1433 BISHOP ST APT 8A MONTREAL QUE	HA 3796	PH D 2
KVASSAY EMANUEL 129 DORCHESTER ST W MONTREAL QUE		B COM 4
KYLE JOHN FERGUS 4830 WALKLEY AVE APT 5 N D G MONTREAL QUE	DE 6165	B ENG MCH 3
KYTE ELINOR LAURIE 3425 PEEL ST APT 7 MTL 337 ANDRE AVE CORNWALL ONT	MA 6407	B A 3
KYTE JOHN ANTHONY M 3581 DUROCHER ST MTL ANTIGANISH N S	HA 7778	D D S 3

L

LAATUNEN GUNNAR P 629 QUERBES AVE OUTREMONT QUE	TA 3634	B COM 2
LABELLE HENRI PAUL 660 HARTLAND AVE OUTREMONT QUE	AT 1800	B ARCH 5
LABENEK JOSEPH 524 2ND AVE POINTE AUX TREMBLES QUE		B COM 2
LA BERGE CAMILLE P 1009 PRUD HOMME AVE N D G MONTREAL QUE	DE 9079	B COM 4
LACAILLE PETER C 4782 COTE DES NEIGES RD MONTREAL QUE	AT 7487	B C L 3
LACAILLE PIERRE D 5441 BRODEUR AVE N D G MONTREAL QUE	EL 2520	B COM 3
LACASSE ARMAND MACDONALD COLLEGE NOTRE DAME DU NORD QUE		B SC AGR 2
LACEY FRANCIS JOSEPH 5459 12TH AVE ROSEMOUNT QUE	FA 4729	B SC 3
LACEY RICHARD 4620 HUTCHISON ST MONTREAL QUE	GR 4748	B ENG MCH 3
LACHAPELLE RAYMOND 4553 DELORIMIER ST MONTREAL QUE	CH 8838	B C L 3
LACK ERIC MALCOLM 4440 HINGSTON AVE N D G MONTREAL QUE	EL 1626	B COM 3
LACKEY ARTHUR ALBERT 3468 ADDINGTON AVE MTL STANBRIDGE EAST MISSISSQUOI CO QUE	DE 4934	B SC 4
LACOMBE CLAUDE 10568 BERRI ST MONTREAL QUE	DU 6139	B ENG CI 3
LACOMBE PIERRE GILLES 10568 BERRI ST MONTREAL 12 QUE	DU 6139	B ENG 2
LACROIX JOSEPH LUCIEN 3230 ST JOSEPH BLVD MTL 35 REGENT ST HAWKESBURY ONT	TR 3905	B SC 1
LADD DONALD ELWIN 1210 PINE AVE W MTL R R 1 BOX 259 EVERETT OHIO U S A	HA 0098	B ENG CH 5
LADOUCEUR JOSEPH C G 2189 BORDEAUX ST MONTREAL QUE	FA 9788	B ENG 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LAFFIN MICHAEL A MCDONALD COLLEGE NEW WATERFORD N S	D D S 4
LA FLECHE FRANCOIS R 1117 ST MATTHEW APT 1 MONTREAL QUE	MD CM 2 WI 9862
LAFLEUR LUCETTE 4364 EARNSCLIFF AVE MONTREAL 28 QUE	PARTIAL 0 WA 5357
LAFFOLEY JOHN R 796 LEXINGTON AVE WESTMOUNT QUE	B A 1 EL 4524
LAFFOLEY PETER S 796 LEXINGTON AVE WESTMOUNT QUE	B COM 1 EL 4524
LAFFOLEY RUTH ANN 805 UPPER BELMONT AVE WESTMOUNT QUE	PHYSIOTH 1
LAFLEUR GERARD A 3500 HUTCHISON AVE MTL ROCKLAND ONT	B C L 1 HA 7548
LAFOND CHLOE ANNE R V C 29 ALBERT ST STE AGATHE DES MONTS QUE	B SC 1
LAFOND PIERRE 5237 CLANRANALD AVE N D G MONTREAL QUE	B ARCH 4 WA 3451
LAFONTAINE AUGUSTE E VALLEYFIELD QUE	B ENG 1
LAFONTAINE CHARLES S 3592 UNIVERSITY ST MTL 36A CHAMPLAIN ST VALLEYFIELD QUE	B COM 3 PL 2435
LA FONTAINE GEORGE A 4337 COOLBROOKE AVE N D G MONTREAL QUE	B C L 1 EL 6056
LAFRAMBOISE ANDRE C DOUGLAS HALL 197 WURTEMBURG ST OTTAWA ONT	B C L 1
LAFRAMBOISE JEAN L J 3423A HUTCHINSON ST MTL 749 FIRST ST E CORNWALL ONT	B ENG EL 3
LAGACE ALFRED FRANCIS 4201 DE BULLION ST MTL 709 CENTRAL ST FRANKLIN N H U S A	B SC 4 BE 7160
LAGENDYK PETER JOHN 365 41ST AVE LACHINE QUE	B ENG CI 3
LA HAYE JEAN CLAUDE ST SAUVEUR DES MONTS QUEBEC	B COM 4
LAIDLEY KEITH M 56 SUNNYSIDE AVE WESTMOUNT QUE	B A 3 EL 6369
LAING AMELIA SHEARE R V C 328 JAME[illegible] ST E PRESCOTT ONT	B SC 2
LAING CHARLES A 528 PINE AVE W APT 1 MONTREAL QUE	MD CM 3 HA 4208
LAING FRANCES 5510 BEAMINSTER PLACE MONTREAL QUE	B A 2 AT 6825
LAING WILLIAM ARTHUR 44 WINDSOR AVE WESTMOUNT QUE	MED DIPL 3 DE 3401

NAME ADDRESS	COURSE & YEAR TEL. NO.
LAIRD DAPHNE D R V C 445 ISLAND PARK DR OTTAWA ONT	B SC P E 1
LAIRD JAMES TYLER 1221 MOUNTAIN ST MTL 80 STATE ST MONTPELIER VERMONT USA	M A 1
LAISHLEY ELIZABETH C 105 HILLCREST AVE MONTREAL WEST QUE	B SC 4 WA 5272
LAKS HERBERT 3436 DUROCHER ST MONTREAL QUE	B ENG PHY 5
LALANDE GUY M J 8126 ST DENIS ST MONTREAL QUE	B C L 1 DU 1513
LALONDE ADRIEN 2485 MCTAVISH ST MTL 298 NELSON ST OTTAWA ONT	B C L 1
LALONDE ELIZABETH L 33 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B SC P E 2 AT 2837
LALONDE JOSEPH R MACDONALD COLLEGE ORMSTOWN QUE	AGR DIP 1
LALONDE PAUL GERARD 124 2ND AVE VERDUN QUE	B ENG MCH 4 YO 5568
LAM PETER WILSON HALL 6 KENNEDY TERRACE HONG KONG	B ENG 2
LAMARTINE RUTH C R V C HUDSON HEIGHTS QUE	B SC 4
LAMBERT JOAN ISABELLA MACDONALD COLLEGE 448 WALPOLE AVE TOWN OF MOUNT ROYAL QUE	TCH KIND 3
LAMBERT JOSAPHAT MACDONALD COLLEGE STE ANNE DE LA POCATIERE COKAM QUE	B SC AGR 4
LAMBIE ANTHONY JOHN 718 DRUMMOND COURT MONTREAL QUE	B COM 3 RE 1645
LAMMINMAKI ARNE JOHN 3421 DRUMMOND ST MTL 150 N ROCKWOOD AVE PORT ARTHUR ONT	B ENG EL 5 LA 0950
LAMONT HELEN LORNA 5232 MOUNTAIN SIGHT AVE MONTREAL QUE	B A 2 EL 7900
LAMONT JOHN GOFF 6293 10TH AVE ROSEMOUNT MARGARET MANITOBA	B ENG MCH 3
LAMOTHE PAUL RICHARD 114R GRANDE COTE ROSEMERE QUE	B ENG 2
LAMOUREUX GERARD E 6765 12TH AVE ROSEMOUNT MONTREAL QUE	B ENG EL 5 GR 7986
LANCTOT CLAUDE 690 HARTLAND AVE OUTREMONT QUE	B SC AGR 1 EX 0748
LANCTOT RAYMOND MACDONALD COLLEGE 690 HARTLAND AVE OUTREMONT QUE	B SC AGR 2
LANDER ROBERTA 36 FORDEN CRESCENT WESTMOUNT QUE	B A 3 EL 7177

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LANDRIGAN JAMES PERCY 4120 BENNY AVE N D G MONTREAL QUE	D D S 4 DE 0173
LANDRIAULT JEAN R J 6387 ST DENIS ST MONTREAL QUE	B ENG 2 CR 0910
LANDRY ELOY 1659 SHERBROOKE ST W MONTREAL QUE	B C L 1 FI 0544
LANG MARTIN 751 OUTREMONT AVE OUTREMONT QUE	B COM 2 CR 0443
LANG NORMAN EDWARD 1210 PINE AVE W MTL 2075 VICTORIA AVE THREE RIVERS QUE	B ENG MCH 5 HA 0098
LANG PATRICIA B MACDONALD COLLEGE 4274 HINGSTON AVE MONTREAL 28 QUE	B SC H EC 1
LANGBALLE MARGARET A MACDONALD COLLEGE 21 6TH ST NORANDA QUE	B SC H EC 3
LANGBALLE PETER B 3141 SHERBROOKE ST W MTL 21 SIXTH ST NORANDA QUE	B ENG MCH 3
LANGELIER JEAN WILSON HALL 246 RANGE RD OTTAWA ONT	B C L 3
LANGEVIN JEAN HEBERTVILLE STATION QUEBEC	B SC AGR 1
LANGEVIN JOSEPH L 4327 DELORIMIER AVE MONTREAL QUE	B ARCH 4
LANGFORD BEATRICE W APT 19E CHAMPLAIN COLL PLATTSBURG N Y U S A	M A 2
LANGLEBEN MANUEL P 5939 HUTCHISON ST MONTREAL QUE	PH D 2 CR 5227
LANGLOIS CLAUDE 1305 PINE AVE MTL BOX 207 MAGOG QUE	B ENG CI 4 BE 0564
LANGLOIS MARIE T 28 SPRINGFIELD AVE WESTMOUNT QUE	B A 4 WA 9485
LANGSTROTH DAVID 4709 VICTORIA AVE MONTREAL QUE	B ENG 1 WA 1277
LANK GERALD 932 WILDER AVE OUTREMONT QUE	B SC 1 AT 2183
LANTZ CARL MARTIN JR DOUGLAS HALL 243 PLEASANT ST NEW BRITAIN CONN U S A	B A 3 PL 5790
LANTZ ELIZABETH A 3 ST ELIZABETH ST STE ANNE DE BELLEVUE QUE 98 BRIGHTON RD CHARLOTTETOWN P E I	B SC H EC 2
LAPEDIS MARILYN A 5426 BRODEUR AVE N D G MONTREAL 28 QUE	B A 3
LAPERRIERE MAURICE E 262 RIVIERA RD PLAGE LAVAL QUE	B ENG MET 5
LAPIERRE JOS GASTON 6821 ST DENIS ST MONTREAL 10 QUE	B ENG PHY 3 CR 7343
LA PIERRE LOUIS 7127 QUERBES AVE MTL THURSO QUE	B ARCH 5 VI 0239
LAPOINTE CLAUDE 8595 ST DENIS ST MONTREAL QUE	B ENG CI 4 DU 5657
LAPOINTE EUGENE SCOTT PRESBYTERIAN COLLEGE 83 PORTLAND ST SHERBROOKE QUE	B ENG CH 5
LAPOINTE HENRY 865 5TH AVE VERDUN QUE	B ENG CI 5
LAPOINTE JEROME H 7746 DE GASPE ST MONTREAL QUE	B ENG 2 DO 32900
LA PRAIRIE ROLLAND R 4848 MELROSE AVE N D G MONTREAL QUE	B C L 2 WA 3409
LARDNER FRANK ARTHUR 4932 KING EDWARD AVE MTL P O BOX 2393 CAPE TOWN SOUTH AFRICA	B ENG CI 4 WA 8506
LARIMER ROBERT CHASE ROYAL VICTORIA HOSP SIOUX CITY IOWA	MED DIPL 3 FL 1251
LARIVIERE JEAN 3530 BELAIR ST VILLE ST MICHEL QUE	B ENG CH 4 CR 2391
LARIVIERE JOSEPH E 1078 2ND AVE VERDUN 348 HAMPDEN ST CHICOPEE MASS U S A	B ARCH 4 YO 8140
LARIVIERE JOSEPH F 3609 UNIVERSITY ST MTL 29 8TH ST NORANDA QUE	B A 4 LA 6307
LAROCHE ALBERT 181 LOGAN ST ST LAMBERT QUE	B ENG 2
LARONDE DONALD JOSEPH SULLIVAN MINES QUE	B ENG MI 3
LASICH ANTHONY R 3609 UNIVERSITY ST MTL P O BOX 915 VAL D OR QUE	MD CM 4 LA 6307
LASMANIS EDITH E 885 LAIRD BLVD TOWN OF MOUNT ROYAL QUE	PHYSIOTH 1 AT 4015
LAST NELLIE AGNES 1540 PINE AVE W MTL 69 PALMER ST LONDON ONT	PARTIAL 0 FI 0177
LATTIMER ERNEST J 47 THORNHILL AVE WESTMOUNT QUE	B C L 1 WI 9276
LATIMER GEORGE A 2090 PATRICIA AVE MTL MARTI 127 MEXICO D F	B COM 2 WA 9838
LATIMER RADCLIFFE R 1632 SEAFORTH AVE MONTREAL QUE	B SC 2 FI 6091
LATOUCHE YVES DAVID 1863 ST CATHERINE ST W APT 3 MONTREAL QUE	B ENG 2 WI 9296
LATVIS JOHN CHARLES 3608 ST FAMILLE ST MTL P O BOX 86 CANDIA N H U S A	B SC 2
LAUFER MOE 8032 DE L EPEE AVE PARK EXTENSION MTL QUE	PARTIAL 0 GR 5498

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LAUFER PHILIP JOSEPH 5024 ESPLANADE AVE MONTREAL 14 QUE	B SC 3 GR 2669
LAUREN PENTTI KALERVO 49 YORK AVE WESTMOUNT 356 GRANDE ALLEE QUEBEC CITY QUE	B ENG EL 3 DE 1303
LAURENDEAU PETER 35 ARLINGTON AVE WESTMOUNT QUE	B ENG EL 3 EL 1881
LAURIE CAROL EDNA MACDONALD COLLEGE HEMMINGFORD QUE	B SC H EC 3
LAURIER MARCEL 4420 DE LAROCHE ST MONTREAL QUE	B ENG MCH 5 FR 4531
LAURIN CARROLL ALFRED DOUGLAS HALL 257 LAURIER ST HULL QUE	MD CM 3
LAUTSCH ELIZABETH V 9844 ST HUBERT ST MONTREAL QUE ★48	M SC 1 DU 3003
LAUZON JEAN RAYMOND 1563 MCGREGOR ST MTL 151 NELSON ST OTTAWA ONT	B ENG CI 4
LAVALLEE LILLIAN E 2625 GOUIN BLVD WEST CARTIERVILLE QUE	B SC 4 BY 1684
LA VALLIERE JOSEPH A 3470 DUROCHER ST MTL 5 CRAIG ST SHERBROOKE QUE	B ENG CH 5 PE 2171
LAVINGE JACQUES 4043 VENDOME AVE N D G MONTREAL QUE	B ENG CI 4 EL 0686
LAVIGUEUR LISE 10551 GRAND ALLEE MONTREAL QUE	B COM 0 DU 4644
LAW ROBERT 812 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B COM 3 AT 2722
LAWAND WILLIAM JOHN 782 MCEACHRAN AVE OUTREMONT QUE	B COM 2 DO 4548
LAWLEY MARY FRANCES 2025 GREY AVE N D G MONTREAL QUE	B A 3 DE 4474
LAWRENCE ALAN SANBORN 1525 ST MARK APT 7 MTL 151 DUFFERIN ST GRANBY QUE	B ENG CI 5 FI 7146
LAWRENCE HIBBERT G MACDONALD COLLEGE NAPPON STATION N S	B SC AGR 4
LAWRENCE JESSIE M 65 HENRY ST HALIFAX N S	M S W 2
LAWTON RICHARD F 3453 GERTRUDE ST VERDUN QUE	B ARCH 6 HE 7407
LAX BERNARD B 237 BLOOMFIELD AVE OUTREMONT QUE	B SC 4 DO 1066
LAXER CARL HYMAN 5292 HUTCHISON ST MONTREAL QUE	M A 1 CR 6077
LAYMAN ROBERT EMMETT 1500 OUIMET ST APT 35 VILLE ST LAURENT QUE 505 W GRAND SPRINGFIELD MO U S A	B ENG EL 5 BY 8194

NAME ADDRESS	COURSE & YEAR TEL. NO.
LAYNE DONALD S MACDONALD COLLEGE 305 GRANDE ALLEE APT 1004 QUEBEC CITY QUE	B SC AGR 2
LAZARE DANIEL 340 LANSDOWNE AVE WESTMOUNT QUE	B A 2 DE 0919
LAZARUS BEN ZION 4641 PARK AVE MONTREAL QUE	B S W 1 MA 6978
LAZARUS ELEAZAR J 4564 HUTCHISON ST MONTREAL QUE	PARTIAL 0 CR 0614
LAZZARI JOHN ALBERT 3508 DUROCHER ST MTL MON REPOS SAN FERNANDO TRINIDAD B W I	B A 2 MA 4359
LEACOCK ARTHUR M 4800 COTE DES NEIGES APT 18 MONTREAL QUE 708 SUNNYSIDE BLVD CALGARY ALTA	MD CM 3 AT 5006
LEAMY PETER JAMES 6 WEREDALE PARK WESTMOUNT QUE	MD CM 4 FI 9621
LEAVITT RONALD ROBERT WILSON HALL 10 SOUTHERN DRIVE OTTAWA ONT	B COM 3 UN 0160
LEAVITT SYDNEY R 1235 BERNARD AVE W OUTREMONT QUE	B ENG 2 CA 4458
LE BEAU PIERRE ARMAND 15 BELOEIL AVE OUTREMONT QUE	B C L 2 AT 4823
LEBEL LOUIS LEON 3646 LAVAL AVE MONTREAL 18 QUE	MED DIPL 1 LA 8308
LEBID IROIDA 6345 11TH AVE ROSEMOUNT MONTREAL QUE	B SC 1
LE BLANC GUY ROBERT 129 ST GERMAIN AVE VILLE ST LAURENT QUE	B C L 3 BY 3175
LE BLANC JOSEPH Y 3470 SHUTER ST MTL 113 STEADMAN ST MONCTON N B	B ARCH 5 HA 9760
LEBLANC LEON PATRICK 2627 RUSHBROOKE ST PTE ST CHARLES MTL QUE	B ENG EL 5 FI 1585
LE BLANC MICHEL R 2011 MANSFIELD ST MTL 85 WEST KING ST SHERBROOKE QUE	B ARCH 2 PL 1639
LEBLANC RAYMOND F 4438 HARVARD AVE N D G MONTREAL QUE	PH D 4 EL 0627
LEBLANC ROBERT JOHN MACDONALD COLLEGE 990 REGENT AVE MONTREAL 28 QUE	TCH ELEM 1
LE CAVALIER RAYMOND 2030 BALDWIN AVE MONTREAL QUE ★41	B COM 1 CL 2514
LECKER ALAN ASHER 6005 HUDSON RD MONTREAL QUE	B COM 2 EX 4958
LECKIE FRANK P TORONTO WESTERN HOSP TORONTO ONT	MED DIPL 4
LECLAIR GUY ARMAND 7 MCCULLOCH AVE OUTREMONT QUE	B ENG MET 5 DO 6433

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LECLAIR JEAN MAURICE 3508 UNIVERSITY ST MTL 1296 RUE DE LA PAIX SHAWINIGAN FALLS QUE	MD CM 4 HA 4873
LECLERC MARC EUGENE WILSON HALL 103A LAURIER AVE SHERBROOKE QUE	B ENG 2
LECOMPTE JOH MAURICE 320 CHAMPLA ST ST JOHNS QUE 29 MCDONALD AVE CORNWALL ONT	B SC 4
LECOQ PIERRE JOSEPH 9022 ST HUBERT ST MONTREAL QUE	MD CM 3 DU 8193
L ECUYER RAYMOND WILSON HALL GRACEFIELD QUE	B SC 3
LEDAIN VIRGINIA J T MACDONALD COLLEGE 1 VERTU RD ST LAURENT QUE	B SC H EC 3
LEDERMAN BERNARD 163 PINE AVE E MONTREAL QUE	B ENG EL 4 MA 9695
LEDERMAN GERTRUDE 1249 GREEN AVE WESTMOUNT QUE	B A 1 FI 2000
LEDOUX JOSEPH DAVID 356 KITCHENER AVE WESTMOUNT QUE	B ENG EL 4 WI 8149
LEDWELL JOHN RICHARD 3592 UNIVERSITY ST MTL ST PETERS P E I ★50	B ENG EL 5 PL 2435
LEE DAVID BRUCE 3485 MCTAVISH ST MTL 2819 W 13TH AVE VANCOUVER B C	MD CM 3 BE 0424
LEE ETHEL SUE 10280 HAMELIN AVE MONTREAL 12 QUE	B SC 3 DU 4262
LEE GEORGE WILSON HALL 311 WEST 21ST AVE VANCOUVER B C	B ENG CH 5
LEE HENRY SHEE WING 1240 ST URBAIN ST MONTREAL 18 QUE	B A 1 BE 6922
LEE KENDAL ALEXANDER 3445 PEEL ST MTL 123 ABERCROMBY ST PORT OF SPAIN TRIN B W I	D D S 3 HA 9462
LEE JUDITH MAUD 3472 GRAY AVE MONTREAL QUE	PARTIAL 0 EL 6809
LEE MARY CORA 369 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	B A 1 AT 1514
LEE MARY MADALENE 6639 13TH AVE ROSEMOUNT BOX 63 MIDNAPORE ALBERTA	B A 4 VI 6173
LEES ROBERT DAVID MACDONALD COLLEGE 14 KELWAY BLVD TORONTO ONT	B SC AGR 1
LEFEBVRE EUGENE S J 12 MELBOURNE AVE WESTMOUNT QUE	B ENG MCH 3 WE 2530
LEFEBVRE JEAN LOUIS 729 STE CATHERINE RD OUTREMONT QUE	B C L 3 AT 2546
LEFEBVRE RODNEY A 4143 DORCHESTER ST W WESTMOUNT QUE	D D S 3 FI 6256
LEFRANCOIS EDWARD R 4534 CARTIER ST MONTREAL 34 QUE	B ENG EL 4
LEFRANCOIS LORAINE B 1472 CRESCENT ST MONTREAL QUE	B A 2 HA 1495
LEGER FERNAND JOSEPH 4429 GARNIER ST MONTREAL QUE	B ENG MCH 5 CH 4413
LEGG MERLE ALAN 2064 UNION AVE APT 3 MTL 3810 N 36TH ST TACOMA WASHINGTON U S A	MD CM 3 HA 5793
LEGGE DOROTHY JOAN MACDONALD COLLEGE 1381 CALEDONIA RD TOWN OF MOUNT ROYAL QUE	B SC H E 4
LEGGE ROBERT CHARLES 1381 CALEDONIA RD TOWN OF MOUNT ROYAL QUE	B C L 2 AT 1783
LEHMAN GEOFFREY W 3435 MOUNTAIN ST MONTREAL QUE	MD CM 2 MA 6933
LEHMAN SUSAN 129 ST JOSEPH BLVD W MONTREAL QUE	B A 3 TR 6698
LEHNHOFF MARIO 481 PRINCE ARTHUR ST W MONTREAL QUE CJON DE DOLORES 12 GUATEMALA CITY GUATEMALA	B ENG 2 LA 9489
LEIB JOSEPH 457 WESTMINSTER AVE N MONTREAL WEST QUE	PH D 5 WA 4511
LEIBOVITCH ESTELLE 4426 ST URBAIN ST MONTREAL 18 QUE	B S W 1 LA 2683
LEIFFER CECILIA 1630 VAN HORNE AVE OUTREMONT QUE	L MUS 3 DO 6643
LEIGHTON MARGARET E 1445 CLOSSE ST APT 5 MTL 920 WHARMCLIFFE RD DUNCAN B C	B N 2 WE 4524
LEIPOLDT JOHANNA M 6245 GOUIN BLVD W MTL SARAGUAY P O SARAGUAY QUE	B A 1
LEITCH HUGH CORLEY 3 NORTHCOTE RD HAMPSTEAD QUE	B ENG 1 DE 2094
LEITH ARTHUR B 145 51ST ST LACHINE QUE	B SC 1
LEIZAOLA JOSEBA A 3419 DRUMMOND ST MTL IBARRAS A MATURIN 17 CARACAS VENEZUELA	B ENG 2 BE 0390
LELACHEUR KEITH E MACDONALD COLLEGE GUERNSEY COVE P E	B SC AGR 3
LE LIEVRE IAN FRANCIS 3550 NORTHCLIFFE AVE N D G MONTREAL QUE	B COM 2 EL 4760
LE MAISTRE BETTY J MACDONALD COLLEGE PASPEBIAC QUE	TCH INT 1
LEMAY ANDRE MACDONALD COLLEGE STE ANNE DE LA POCATIERE CTE DE KAMOURASKA QUE	AGR DIP 1
LE MESURIER KENNETH 7432 BLOOMFIELD AVE MONTREAL QUE	M ENG 1 CA 3174

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LE MESURIER MARGARET 419 ROSLYN AVE WESTMOUNT QUE	B SC 4 EL 7190
LEMIEUX ALPHONSE L 719 ROSLYN AVE WESTMOUNT QUE	B C L 1 EL 1715
LEMIEUX LAURENT E 3420 DRUMMOND ST MTL 658 ST GEORGES ST THREE RIVERS QUE	B ENG CH 4 BE 9680
LEMOINE ROY EMILE 376 EDOUARD CHARLES ST OUTREMONT QUE 21 RUE DU MARCHE BERTHIERVILLE QUE	B ARCH 6 CR 0991
LENEY SHIRLEY AGIS MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE	TCH ELEM 1
LENNIE RONALD HARVEY 3471 WALKLEY AVE N D G MONTREAL QUE	B COM 2 DE 7895
LEPINE JEAN CLAUDE 567 BENNETT ST MONTREAL QUE	B COM 1 CL 7957
LEPOFSKY BERTHA S R V C 265 DALY AVE APT 23 OTTAWA ONT	B A 4 UN 0088
LEPOFSKY CONSTANCE R R V C 265 DALY AVE APT 23 OTTAWA ONT	B A 3 UN 0038
LERMAN MILLICENT MACDONALD COLLEGE 632 CHAMPAGNEUR AVE OUTREMONT QUE	TCH INT 1
LERMAN SIDNEY 112 VILLENEUVE W MONTREAL 14 QUE	MD CM 3 LA 8349
LERNER LORRAINE 684 OUTREMONT AVE OUTREMONT QUE	B A 2 CA 3852
LE ROUX EDGAR JOSEPH MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	GRAD QUAL 1
LEROUX EDWARD CHARLES 5235 BEACONSFIELD AVE N D G MONTREAL QUE	B COM 4 WA 1739
LEROUX MAURICE A 4456 CHRISTOPHE COLOMBE MONTREAL QUE	B C L 2 AM 5645
LE SAGE ADOLPHA 74 ST JOSEPH BLVD EST MONTREAL QUE	B C L 1 RE 2188
LE SAGE MARY ISABELLE 1610 WINTON RD TOWN OF MOUNT ROYAL QUE	B A 2 AT 4954
LE SAGE WILLIAM A J 3653 UNIVERSITY ST MTL C O G SAVARD R R 1 CO VAUDREUIL QUE	B COM 2 PL 2073
LESCHUK MARIA MACDONALD COLLEGE 1690 SANGUINET ST MONTREAL QUE	TCH INT 1
LESLIE ANN R V C 262 MAIN ST KENTVILLE N S	B SC 1
LESLIE GORDON CHARLES 163 BROCK AVE N MONTREAL WEST QUE	B ENG 2 DE 7007
LESLIE IAN KENNETH 1437 CANORA RD TOWN OF MOUNT ROYAL QUE 130 SECOND AVE OTTAWA ONT	B ENG CI 5 EX 3053

NAME ADDRESS	COURSE & YEAR TEL. NO.
LESLIE ROBERT A 163 BROCK AVE N MONTREAL WEST QUE	B ENG MCH 4 DE 7007
L ESPERANCE DAVID L 35 SPRING GROVE AVE MONTREAL QUE	B A 2 CA 7602
L ESPERANCE ROBERT 35 SPRING GROVE CRESC OUTREMONT QUE	PH D 4 CA 7602
LESSER ELLIOTT MACDONALD COLLEGE 83 WOODRUFF AVE BROOKLYN 26 N Y U S A	M SC 1
LESSER JACK 4884 DORNAL AVE MONTREAL QUE	B COM 1 AT 3751
LESSER SARA 71 ST JOSEPH BLVD WEST MONTREAL QUE	PARTIAL 0 TA 6950
LESTAGE WILLIAM JOHN 4530 GIROUARD AVE N D G MONTREAL QUE	B COM 1
LESTER ROSLYN JOY 132 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B A 2 AT 6471
LETENDRE ALFRED 149 CONNAUGHT ST VILLE ST LAURENT QUE 9 BECKETT STREET SHERBROOKE QUE	L MUS 0 RY 5188
LETOURNEAU GILLES 3560 JEANNE MANCE ST MTL 93 BOUGAINVILLE AVE QUEBEC CITY QUE	B ARCH 4 BE 7852
LEUNG ROY MARTIN 1441 DRUMMOND ST MTL 57 DEVERTEUIL ST WOODBROOK TRINIDAD B W I	B SC 2 MA 4171
LEVASSEUR ARMAND MACDONALD COLLEGE OTTAWA ONT	B SC AGR 2
LEVINE ALLAN EDGAR 4865 QUEEN MARY RD APT 8 MONTREAL QUE	B A 2 EX 2479
LEVINE FLORENCE H MACDONALD COLLEGE 7438 DE L EPEE AVE OUTREMONT QUE	TCH ELEM 1
LEVINE GWEN LYNNE 3795 GIROUARD AVE MONTREAL QUE	PHYSIOTH 2 DE 9084
LEVINE LEONARD ELIOT 3565 DUROCHER AVE APT 14 MONTREAL QUE	B L S 2 LA 3452
LEVINE MARK CHARLES 456 PINE AVE W APT 31 MONTREAL QUE P O BOX 520 STE AGATHE DES MONTS QUE	MD CM 1 RE 9677
LEVINE NAOMI DAWN MACDONALD COLLEGE 523 OUTREMONT AVE OUTREMONT QUE	TCH ELEM 1
LEVINE ROBERT M 4802 10TH AVE BROOKLYN N Y U S A MONTREAL QUE	MED DIPL 5
LEVINSON EDWARD D 4201 DECARIE BLVD MONTREAL QUE	MD CM 2 EL 5297
LEVITAN HAROLD LEE 357A UNIVERSITY ST MTL 82 STUART RD NEWTON CENTRE MASS U S A	MD CM 1 MA 0577

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LEVITAN JUDITH 5615 JEANNE MANCE ST MONTREAL QUE	M S W 1 TA 5275
LEVITT ABRAHAM 4862 CLARK ST MONTREAL QUE	B SC 2 RE 6103
LEVITT HARVEY L 425 BROOKFIELD AVE TOWN OF MOUNT ROYAL QUE	B SC 3 EX 3804
LEVITT MICHAEL N 4315 MELROSE AVE APT 7 MONTREAL 28 QUE	B A 1 EL 8495
LEVITT SIMON 5436 HUTCHISON ST OUTREMONT QUE	B SC 3 CR 8983
LEVITT WILLIAM 5260 HUTCHISON ST OUTREMONT QUE	B A 2 DO 8600
LEVY EMILY MARGARET MACDONALD COLLEGE FOUR PEPS BROWN S TOWN JAMAICA BWI	HOMEMAKER 1
LEVY LEWIS EDGAR 1441 DRUMMOND ST MTL BOX 472 CARLETON PLACE ONT	B A 2
LEWES DIANA DOROTHY MACDONALD COLLEGE SHIGAWAKE QUE	B SC H EC 4
LEWES MICHAEL DAVID 1420 PINE AVE W APT 3 MONTREAL QUE HOTEL TOWER GEORGETOWN BRITISH GUIANA	B ENG MI 5 HA 7891
LEWIN FRANK SPENCER 30 HOLTON AVE WESTMOUNT QUE	B ENG CI 3 FI 8920
LEWIS CYRIL MORRIS 2211 ST CATHERINE ST W MONTREAL QUE	B A 3 WE 5468
LEWIS HERBERT 982 PRATT AVE OUTREMONT QUE	B A 2 AT 6676
LEWIS HERBERT M 612 ARGYLE AVE WESTMOUNT QUE	B COM 1 EL 9362
LEWIS IRWIN 6085 SQUART AVE MONTREAL QUE	B SC 1 AT 0820
LEWIS JACQUELINE E 4050 WESTHILL AVE N D G MONTREAL QUE	B SC 1 DE 1481
LEWIS LEIBA 1914 CLINTON AVE MONTREAL QUE	B A 4 EX 2185
LEWIS PHILIPS F 417 PRINCE ARTHUR ST MONTREAL QUE	B A 4
LEWIS RAYMOND KEITH 9 HAZELWOOD AVE OUTREMONT QUE	B COM 2 AT 4110
LEWIS ROBERT AUSTIN 4608 DECARIE BLVD APT 8 N D G MONTREAL QUE	B COM 3 EL 4202
LEZIY EMILE 2034 JACQUES HERTEL ST MONTREAL QUE	B ARCH 3 FI 4847
LEZNOFF ARTHUR 370 WISEMAN AVE OUTREMONT QUE	B SC 4 TA 5817
LEZNOFF MAURICE 4801 ST CATHERINE RD APT 16 MONTREAL QUE	B A 4 EX 7251
L HEUREUX JEAN B 224 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	D D S 1 EX 2142
LIBERMAN JOHN LORNE 4855 GROSVENOR AVE MONTREAL QUE	B C L 1 AT 7223
LIBMAN ISRAEL 715 STUART AVE OUTREMONT QUE	B A 3 CR 3828
LIDDLE CLIVE ANDREW W 3420 ST FAMILLE ST APT. 4 MONTREAL QUE	MD CM 2 MA 1592
LIEBER JACK WILLIAM 2056 VICTORIA ST MONTREAL QUE	M A 2 LA 4392
LEIBMAN NATHANIEL 428 MT STEPHEN AVE WESTMOUNT QUE	B C L 1 EL 7953
LIGHT EDGAR HORACE 1190 MACKAY ST MONTREAL 25 QUE	B ENG EL 5 PL 7351
LIGHT RONALD ALFRED MACDONALD COLLEGE 393 HOLLAND AVE OTTAWA ONT	B SC AGR 4
LILL JOHN RAWLINSON 532 SHERBROOKE ST W MTL 60 RIVERSIDE DRIVE KAPUSKASING ONT	B SC 2 MA 3020
LILLICO ALVIN JOHN 31 5TH AVE OTTAWA ONT	P ENG EL 4
LILLIE EILEEN DIANE 720 UPPER ROSLYN AVE WESTMOUNT QUE	B SC P E 4 WA 5410
LIMONCHIK ABRAM 3642 ST LAWRENCE BLVD MONTREAL QUE	B COM 2 PL 4759
LINDSAY ELEANOR MARY 343A MCTAVISH ST MONTREAL 2 QUE	PHYSIOTH 3 PL 1697
LINDSAY ERNEST BONAR 556 VICTORIA AVE WESTMOUNT QUE	R ENG MCH 5 WA 8222
LINDSAY FRASER 48 ARLINGTON AVE WESTMOUNT QUE	B A 1 WA 4381
LINDSAY KATHARIN G 3047 BRESLAY RD MONTREAL QUE	B A 4 WI 3892
LINDSAY PAULINE ANN R V C GASPE QUE	B SC 1 UN 0057
LINDSAY ROY A J MACDONALD COLLEGE 145 ST MARC ST SHAWINIGAN FALLS QUE	TCH ELEM 1
LING JOYCE CYNTHIA 3546 SHUTER ST MONTREAL QUE	PHYSIOTH 1 PL 0672
LINGEMAN BERNARD 413A MARCIL AVE N D G MONTREAL QUE	R SC AGR 1
LINIS LININS VIKTORS 3435 SHUTER ST MTL R R 1 RED DEER ALTA	M SC 1 MA 5070
LINKLATER DONALD M 172A LECLAIR AVE VERDUN 410 PARIS ST SUDBURY ONT	D D S 2 HE 3458
LIPES JOSEPH SAUL 1065 VAN HORNE AVE OUTREMONT QUE	B ENG CH 5 DO 8562

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NAME ADDRESS	COURSE & YEAR TEL. NO.
★52	
LIPSON STANLEY MARCUS 27 JOYCE AVE OUTREMONT 8 QUE	B SC 1 CA 6506
LIPTRAP ROBERT M MACDONALD COLLEGE 171 DESAULNIERS BLVD ST LAMBERT QUE	B SC AGR 1
LISHMAN MARTIN S MACDONALD COLLEGE 20 WATFORD RD KING S LANGLEY HERTS ENG	AGR DIP 2
LISTA NAPOLEON VENEZUELAN CONSOLATE MTL CALLE HERRERA 1 1 CUMANA VENEZUELA	B SC 1
LITHGOW ROBERT M BOX 581 STE ANNE DE BELLEVUE QUE	M A 1
LITTLE BRUCE WILSON WILSON HALL 1301 DELAUNE AVE QUEBEC CITY QUE	B ENG 1
LITTLE JAMES GRAHAM 3517 HUTCHISON ST MTL 35 HIGHLAND AVE BELLEVILLE ONT	MD CM 1 PL 6905
LITTLE MARGARET W 3245 CEDAR AVE WESTMOUNT QUE	PARTIAL 0 WE 2727
LITTLE ROBERT HARWARD 5051 VERDUN AVE VERDUN 65 FULLER ST OTTAWA ONT	B ENG CI 4 YO 8842
LITTLEFIELD WILLIAM E 3 DUMAINE AVE CHAMBLY CANTON QUE 25 HOHNER AVE KITCHENER ONT	B COM 3
LITTLEJOHN JOHN G 7508 QUERBES AVE MONTREAL 15 QUE	B ENG MI 5 DO 7548
LITTNER BERNARD HERB 3245 LINTON BLVD APT 10 MONTREAL QUE	PARTIAL 0 EX 6905
LITWIN MANUEL 4669 PARK AVE APT 9 MTL 16 VICTORIA ST CAMPBELLTON N B	B SC 4 LA 8895
LITZKY GERALD MAX 3573 HUTCHISON ST MTL 6 LYNDE ST PLATTSBURG N Y U S A	B SC 3 BE 4360
LIVERANT HELGA 476 ROSLYN AVE WESTMOUNT QUE	B SC P E 2 EL 3431
LIVERANT HERBERT 476 ROSLYN AVE WESTMOUNT QUE	B COM 2 EL 3431
LIVERPOOL HERMUS S MACDONALD COLLEGE 3545 UNIVERSITY ST APT 4 MONTREAL QUE	AGR DIP 1
LIVERPOOL JOSEPH A 3545 UNIVERSITY ST MONTREAL QUE	B SC 3 PL 1576
LIVERPOOL SAMUEL A 6389 FABRE ST MTL GEORGETOWN ST VINCETN B W I	B SC 2 CR 8571
LIVINGSTONE DAVID 10 THURLOW RD HAMPSTEAD QUE	B A 3
LIVINGSTONE IVAN L MACDONALD COLLEGE 3586 ETHEL ST VERDUN QUE	B SC AGR 2 HE 6444

NAME ADDRESS	COURSE & YEAR TEL. NO.
LIVIS SEYMOUR 1469 DRUMMOND ST APT 22 MONTREAL QUE	B ENG CH 4 LA 2818
LLEWELYN ELWYN M 474 WALNUT AVE ST LAMBERT QUE	B ENG 2
LLOYD ALWYN DAVIES 732 DESAULNIERS BLVD ST LAMBERT QUE	B COM 3
LLOYD LEWIS EWAN MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 2
LOBLEY PRUDENCE J 154 THORMTON AVE TOWN OF MOUNT ROYAL QUE	B A 2 AT 4307
LOCHHEAD DOUGLAS G 389 3RD AVE OTTAWA ONT	B L S 1
LOCK DOUGLAS ZAU 776 6TH AVE LACHINE QUE	B ENG MCH 4
LOCKE ELIZABETH M TOR PSYCHIATRIC HOSP 2 SURREY PLACE TORONTO ONT	M S W 2
LOCKE GERALD LORNE 1241 ST MARK ST APT 4 MONTREAL QUE 122 BEAVER ST BANFF ALBERTA	D D S 3 YO 6161
LOCKE ROBERT HAROLD MACDONALD COLLEGE 486 GLENLAKE AVE TORONTO 9 ONT	AGR DIP 2
LOCKERBY DAVID L L JR 774 UPPER BELMONT AVE WESTMOUNT QUE	B C L 1 EL 2831
LOCKETT DANIEL JOHN 2908 SPRINGLAND AVE MONTREAL 20 QUE	B ENG CH 4 HE 4426
LOCKETTE PHILIP C 69 WICKSTEED AVE TOWN OF MOUNT ROYAL QUE 36 GRACE COURT BROOKLYN 2 N Y U S A	B ENG CI 5 AT 9096
LODGE CAROL JOY 1433 RUSHBROOKE ST MONTREAL QUE	B A 4 FI 5407
LOEBEL PETER B 657 COTE ST ANTOINE RD MONTREAL 6 QUE	B A 2 DE 4557
LOEWENFELD GABRIELLE R V C 13 CHESTERTON RD CAMBRIDGE ENG	B SC 4 UN 0217
LOFTSSON LOFTUR 1441 DRUMMOND ST MTL FJOLNISVEG 16 REYKJAVIK ICELAND	B ENG CH 4 MA 4171
LOGAN BARBARA ANN 4071 OXFORD AVE MONTREAL QUE	B SC P E 2 DE 0204
LOGAN BRUCE HARVEY 243 CARLYLE AVE TOWN OF MOUNT ROYAL QUE	B COM 2 AT 4074
LOGAN JOHN HAMILTON 243 CARLYLE AVE TOWN OF MOUNT ROYAL QUE	B ENG MI 4
LOGAN NORMAN STEWART 497 WESTVILLE RD NEW GLASGOW N S	B SC AGR 3
LOGSDAIL DOUGLAS E MACDONALD COLLEGE KEMPTVILLE ONT	B SC AGR 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LOISELLE ROLAND MACDONALD COLLEGE 298 OSBORNE ST VERDUN 19 QUE	M SC 2
LOKKEN TOR GUNNAR 1240 OUIMET ST APT 44 VILLE ST LAURENT	B ENG 1
LOMON EARLE LEONARD 4815 QUEEN MARY RD APT 15 MONTREAL 26 QUE	B SC 4 EX 1646
LONG DALE MERRILL 2043 UNION AVE MTL 12RR COMMONWEALTH AVE ALLSTON MASS U S A	B COM 2 MA 9042
LONG LINDA ROSE 3419 ONTARIO AVE MTL KELLIHER SASK	R N 2 MA 8484
LONG VIRGINIA ANN R V C 9 CHURCH ST HAMPTON BEACH N H U S A	B SC 3 UN 0217
LONG WILLIAM ROBERT 143 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B COM 1 EX 1809
LONGLEY JAMES DONALD DOUGLAS HALL 2842 BELLEVUE HOLLY BURN B C	MD CM 3 UN 0145
LONGSEED JULIA K 5821 COTE DES NEIGES APT 5 MONTREAL QUE	GR N CER 1 EX 3866
LOOMER ELIJAH I 479A PRINCE ARTHUR ST MONTREAL QUE KINGSPORT KINGS CO N S	PH D 2 BE 3290
LOOMIS TOM HENRY W 5483 ST URBAIN ST MTL HYDEVILLE VERMONT U S A	M SC 1 VI 4184
LORENSON GILIO F 356 KENSINGTON AVE MTL 613 SCHOOL ST ARVIDA QUE	B ENG CH 4 WE 5567
LORIMER HARRY P 1451 AYLMER ST MTL 44 PERCY ST OTTAWA ONT	M ENG 1 HA 1631
LORING JOHN 25 BARKLAND ST WESTMOUNT ANDOVER R D BILLERICA MASS U S A	B SC 2
LOS ANTONIOS C 4915 COTE ST CATHERINE APT 5 MONTREAL QUE VRONLADOS CHIOS GREECE	B COM 3 EX 4409
LOTT GORDON GATWARD 17 KENASTON AVE TOWN OF MOUNT ROYAL QUE 1157 CLOVELLY TERRACE VICTORIA B C	MD CM 2 AT 5574
LOUDON WARREN LYTLE 419 PRINCE ARTHUR ST MTL 1207 ALLENGROVE ST PHILA 24 PA U S A	B ENG EL 4
LOUGH GORDON W MACDONALD COLLEGE 130 LOCKHART AVE TOWN OF MOUNT ROYAL QUE	B SC AGR 1
LOUGH JAMES MABON MACDONALD COLLEGE 4933 WESTERN AVE WESTMOUNT QUE	B SC AGR 1
LOUGH JOHN 4933 WESTERN AVE WESTMOUNT QUE	B SC 1
LOUGHHEED THOMAS C MACDONALD COLLEGE 106A BOWEN AVE SOUTH SHERBROOKE QUE	PARTIAL 0
LOUKIDES GEORGE 1126 SHERBROOKE ST W MTL 832 MADISON AVE PLAINFIELD N J U S A	B SC 3 PL 0010
LOULOUDIS KATHERINE 3315 RIDGEWOOD AVE MONTREAL QUE	PARTIAL 0 EX 4019
LOUTTIT HERBERT R 557 BERWICK AVE TOWN OF MOUNT ROYAL QUE	D D S 4
MCGHEE AGNES C R V C BRIERCREST SASK	PHYSIOTH 3 UN 0217
LOVE LEONARD SYDNEY 5790 DES ERABLES ST MONTREAL QUE	B ENG CH 5 DO 5237
LOVELAND PHYLLIS JUNE MACDONALD COLLEGE 70 VICTORIA STREET SHERBROOKE QUE	B SC H EC 2
LOWE GRAHAM HOWARD 2070 MANSFIELD ST APT 2 146 BRUNSWICK AVE TORONTO ONT	B SC 2 MA 0217
LOWE JAMES A 508 LANSDOWN AVE WESTMOUNT QUE	B SC 1 DE 5402
LOWENBERGER HENRY R 3541 LORNE AVE MTL RAYMORE SASK	B A 2
LOWY FREDERICK HANS 391 ST JOSEPH BLVD APT 4 MONTREAL QUE	B A 1 VI 7902
LUBIN LOIS 702 BLOOMFIELD AVE OUTREMONT QUE	B A 1 CA 4562
LUBIN SHEILA 702 BLOOMFIELD AVE OUTREMONT QUE	B A 2 CA 4562
LUBY THOMAS JOHN JR 3475 RIDGEWOOD AVE DENNIS MASS U S A	MD CM 2 EX 0834
LUCAS BARBARA JOAN R V C 5530 FIFTH AVE PITTSBURGH PA U S A	B A 2 UN 0107
LUCAS SIDNEY 1540 PINE AVE ACKWORTH SCHOOL PONTEFRACT YORKS ENG	B A 4
LUCIA JOSEPH ANTHONY 3429 DECARIE BLVD MTL 559 SO BLVD NEW YORK 55 N Y U S A	B SC 2 EL 7109
LUCIEN HAROLD WILLIAM 941 OUTREMONT AVE MTL 2709 ANNETTE ST NEW ORLEANS LA U S A	PH D 3 TA 6162
LUFFER MARK HENRY 4843 DORVAL AVE MONTREAL QUE	B A 2 AT 3239
LUKAS ANTHONY 331 CLARKE AVE MTL HEMMINGFORD QUE	B COM 2 FI 1847
LUKAWENKO MICHAEL P 5121 GARNIER ST MONTREAL QUE	MD CM 1 FA 4157
LUKE MORLEY RICHARD 80 BROCK ST N MONTREAL WEST QUE	B ARCH 2 DE 7906

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NAME ADDRESS	COURSE & YEAR TEL. NO.
LUKE PATRICIA ANN MACDONALD COLLEGE 4551 OLD ORCHARD AVE N D G MONTREAL QUE	B SC H EC 1
LUKOSIUTE KAROLINA 6951 MAZARIN ST VILLE EMARD MTL QUE	PHYSIOTH 2 HE 7877
LUKS SAMUEL 5570 STIRLING AVE MONTREAL 26 QUE	B ENG 1 EX 2267
LUMSDEN JOYCE E MACDONALD COLLEGE 31 MAPLESIDE AVE HAMILTON ONT	B SC H EC 3
LUNAN HAVELOCK S 3502 UNIVERSITY ST MTL 112 GEORGE ST SOREL QUE	B ENG EL 5 PL 2435
LUNDELL FREDERICK W 521 PRINCE ARTHUR ST MTL BOX 294 REVELSTOKE B C	MD CM 4 HA 1839
LUNDIE IAN GEORGE W 5327 VERDUN AVE VERDUN 19 QUE	B COM 4
LUNER CHARLES 1513 DUCHARME AVE OUTREMONT QUE	PH D 4 TA 9620
LUNER PHILIP 1513 DUCHARME AVE OUTREMONT QUE	PH D 4 TA 9620
LUPOVICH JOAN BESNEP 4815 QUEEN MARY RD MONTREAL QUE	B A 4
LUSSIER ADRIEN LES CEDRES CO SOULANGES QUE	PARTIAL 0
LUSSIER JOSEPH ALBERT 5930 DE LA ROCHE ST APT 3 MONTREAL QUE	B ENG CH 5 GR 8464
LUSTGARTEN LIONEL SOL 1557 DUCHARME AVE OUTREMONT QUE	B SC 3 DO 2147
LUSTGARTEN SELMA R 2515 VAN HORNE AVE APT 16 MONTREAL QUE	B A 4 EX 8684
LUTTERMAN ERNEST 4575 DE BULLION ST MONTREAL QUE	B A 1 BE 6619
LUTWICK LAURENCE E MACDONALD COLLEGE 704 BEACONSFIELD AVE W ST JOHN N B	M SC 2
LUTZ GEORGE WALLACE H 477 VICTORIA AVE P O BOX 101 MONCTON N B	B SC P E 1 MA 5130
LYALL HAROLD BRUCE 4970 COTE DES NEIGES RD MONTREAL QUE	M SC 2 AT 6509
LYLE WILLIAM H 101 PERCIVAL AVE MONTREAL WEST QUE 3987 HUBERT AVE LOS ANGELES 8 CALIF USA	MD CM 2 DE 7830
LYMAN BERNARD EVERETT 1427 PIERCE ST MTL 2904 S W CAROLINA ST PORTLAND 19 OREGON USA	M A 1 FI 4920
LYMAN GIAN FLORENCE 486 LANSDOWNE AVE WESTMOUNT QUE	PARTIAL 0 WA 9093
LYMBURNER J LARRY 3617 STE FAMILLE ST MTL 7612 NOTRE DAME ST E MONTREAL QUE	B ENG MCH 4 HA 0737
LYN MAURICE REGINALD 629 PRINCE ARTHUR W MTL MANDEVILLE JAMAICA B W I	D D S 3 MA 0739
LYMAN CORINNE 4810 QUEEN MARY RD APT 12 MONTREAL 26 QUE	B A 2 AT 7146
LYNCH JOHN CHARLES OTTERBURN PARK QUE	B SC P E 2
LYNCH LAWRENCE ALEX MACDONALD COLLEGE 4186 NORTHCLIFFE AVE MONTREAL QUE	B SC AGR 4
LYNCH STAUNTON G MACDONALD COLLEGE 1321 SHERBROOKE ST W APT C81 MONTREAL 25 QUE	AGR DIP 1
LYNCH STAUNTON JOHN 2957 HILL PARK CIRCLE MONTREAL QUE	PARTIAL 0 FI 8035
LYON HALL ROBERT C 1442 STANLEY ST APT 3 MONTREAL QUE 72 HARBOUR ST KINGSTON JAMAICA B W I	B ENG CI 3 BE 7164
LYON HELEN PATRICIA MACDONALD COLLEGE 1441 OAK AVE QUEBEC CITY QUE	B SC H EC 2
LYONS ANN BARTON R V C TROWHILL BARRE VT U S A	B A 4 UN 0138
LYONS DOUGLAS BURNELL 3638 DUROCHER ST MTL 249 BAYSIDE DRIVE ST JOHN N B	M ENG 1 HA 0597
LYONS GERALD M 4552 DRAPER AVE N D G MONTREAL QUE	B SC 1 EL 1672
LYONS KEVIN CORBETT 406 PINE AVE W APT 33 MONTREAL QUE	B ENG EL 5
LYRITZIS NICOLAS 1455 DRUMMOND ST APT 40B MONTREAL QUE	B ENG MCH 3 LA 7313
LYSOREJ MYROSLAW 6657 1ST AVE ROSEMOUNT MONTREAL QUE	B ENG EL 5 TA 8347
LYTLE MARGARET MARY MACDONALD COLLEGE 117 SUNNYSIDE AVE OTTAWA ONT	B SC H EC 2

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MCADAM ROBERT DORMAN 11 SPRINGFIELD AVE GREENFIELD PARK QUE	B ENG MCH 5
MCADAMS CHARLES A 3430 SHUTER ST MTL 116 NORTH HIGH ALBUQUERQUE NEW MEXICO	MD CM 1 BE 0017
MCADIE HENRY GEORGE 616 VICTORIA AVE WESTMOUNT QUE	B SC 4 DE 2727
MACALLISTER JOHN E DOUGLAS HALL 55 MELROSE AVE TORONTO N ONT	B ENG MET 5

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MCALLISTER ROBERT J 632 VICTORIA AVE WESTMOUNT QUE	B SC 4 EL 1708
MCARDLE ALICE HOPE 51 DUFFERIN RD HAMPSTEAD QUE	B SC 3 EL 1414
MCARTHUR WILDA JUNE MACDONALD COLLEGE BOX 275 LACHUTE QUE	B SC R EC 2
MACAULAY COLIN A 1 PARKSIDE AVE MONTREAL WEST QUE	B ENG 2 WA 2382
MACAULAY DOUGLAS H PRESBYTERIAN COLLEGE HUDSON HEIGHTS QUE	R ENG EL 3
MACAULAY EILISH F R V C 252 BUENA VISTA RD ROCKCLIFFE PARK OTTAWA	P A 3 UN 0138
MACAULAY HARRIET D 1230 PINE AVE MONTREAL QUE	B SC H EC 3
MACAULAY HUGH FRANCIS 3528 LORNE AVE APT 3 MONTREAL QUE	B COM 4 MA 8825
MACAULAY MARY SEYMOUR R V C 252 BUENA VISTA RD OTTAWA ONT	P A 4 UN 0206
MACAULAY MARION EDITH MACDONALD COLLEGE BISHOPTON QUE	TCH ELEM 1
MACAULEY ROBERT B 4945 PATRICIA AVE N D G 52 SAINT DAVID ST SAINT JOHN N B	B S W 1 DE 0555
MACAULAY THOMAS B 3441 PEEL ST MTL P O BOX 91 HUDSON HEIGHTS QUE	R ENG MCH 5 RE 0341
MCAULEY GERALD F MACDONALD COLLEGE SUNNINGSVILLE N S	B SC AGR 3
MCAUSLANE JOHN MURRAY 4971 EARNSCLIFFE AVE MONTREAL 29 QUE	B SC 2 WA 4380
MCAVITY JOAN TIBBITS R V C 666 ISLAND PARK DR OTTAWA ONT	B SC 1
MCBAIN MERVYN NEILSON 3650 NORTHCLIFFE AVE MTL LORETTEVILLE R R 2 QUEBEC CITY QUE	B ENG 2 EL 9591
MCCAFFREY WILLA E 51 LORNE AVE NEWMARKET ONT	GR N CERT 1
MCBRIDE CHARLES M 3441 PEEL ST MTL WATERVILLE KING S COUNTY N S	B SC 4 BE 7017
MABRIDE GWENETH JEAN MACDONALD COLLEGE 174 FOURTH AVE OTTAWA ONT	HOMEMAKER 1
MCBRIDE JAMES ROSS 1482 BISHOP ST MTL 2529 WINDERMERE RD WINDSOR ONT	B COM 2 LA 5090
MCCAFFREY GORDON C C O BEAUHARNOIS POWER CO BEAUHARNOIS QUE.	B COM 2
MCCAFFREY ROBERT J 1259 BISHOP ST MTL FORT COVINGTON NEW YORK U S A	B SC 1
MCCAHEY JOAN EVELYNN 2366 BEACONSFIELD AVE N D G MONTREAL QUE	B A 3 DE 7118
MCCALL JAMES DAVIDSON 619 CLARKE AVE WESTMOUNT QUE	R ENG MCH 3 WE 3358
MCCALL MARGARET S 619 CLARKE AVE WESTMOUNT QUE	PARTIAL 0
MCCALL MARY ISABEL U 28 KENASTON AVE TOWN OF MOUNT ROYAL QUE	B A 1 AT 0143
MCCALL PATRICIA A 28 KENASTON AVE TOWN OF MOUNT ROYAL QUE	M S W 2 AT 0143
MCCALL RONALD STORRS 2777 HILLPARK CIRCLE MONTREAL QUE	B A 3 FI 6915
MCCALLUM CHARLES F 4550 OXFORD AVE MONTREAL QUE	R ENG EL 4 WA 5376
MCCALLUM WILLIAM C 625 WISEMAN AVE MONTREAL R QUE	B SC 4 CA 6972
MCCANSE JOHN BRUCE MACDONALD COLLEGE HEMMINGFORD QUE	B SC AGR 4
MCCARTHY EVELYN J A 4100 COTE DES NEIGES MONTREAL QUE	B A 3 WI 8053
MCCARTHY GERALD 160A PIE IX BLVD MAISONNEUVE MONTREAL QUE	B C L 1 CH 3990
MCCARTHY ROSINA RAE 4100 COTE DES NEIGES RD MONTREAL QUE	B SC 4 WI 8053
MCCARTHY THOMAS P CALEDONIA AVE GUELPH ONT	B SC 1
MCCARTNEY BRIAN C WILSON HALL BANFF SPRINGS HOTEL BANFF ALTA	B SC 2
MCCARTNEY JEAN G MACDONALD COLLEGE BANFF SPRINGS HOTEL BANFF ALTA	R SC H EC 4
MCCARTY RICHARD H 4655 BEACONSFIELD AVE N D G MONTREAL QUE	B ENG 2 WA 8703
MCCAUGHEY GERALD S 7230 CHAMPAGNEUR AVE MONTREAL QUE	B A 4 GR 2543
MCCAW EUGENIA R V C DIAMOND POINT NEW YORK U S A	B A 4 UN 027A
MCCAW WILLIAM DAVID 466 CURZON AVE ST LAMBERT QUE FORT QU APPELLE SASK	M S W 1
MCCLINTOCK GEORGE B THEOLOGICAL COLLEGE R R 1 BROCKVILLE ONT	B D 2 BE 0752
MCCLOSKEY RONALD W 439 GROSVENOR AVE WESTMOUNT QUE 1 GLEN ROAD WEST HEMPSTEAD N Y U S A	B ENG 1 EL 0232

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MCCONCHIE WARREN A 2171 DORCHESTER ST APT 3 MONTREAL QUE 33 MERIDIAN ST MALDEN MASS U S A	B ENG MCH 4
MCCONNELL DAVID G 148 ST JOSEPH ST DORVAL QUE	B ENG CH 5 WA 2530
MCCONNEY FLORENCE S MACDONALD COLLEGE 275 GLENCAIRN AVE TORONTO 12 ONT	B SC H EC 3
MCCONVEY JAMES 2101 LECLAIRE ST MONTREAL QUE	B COM 3 TU 2411
MCCOOK JAMES MACINNES PRESBYTERIAN COLLEGE 13 BIRCH AVE MANOR PARK OTTAWA ONT	B SC 3
MACCORDICK HENRY J WILSON HALL RICHMOND ONT	B SC 1
MCCORMACK KENNETH R 3555 UNIVERSITY ST MTL 440 6TH ST CLARKSTONE WASH U S A	MD CM 1
MCCORMACK ROY B 555 STANSTEAD AVE TOWN OF MOUNT ROYAL QUE	B ENG CI 5 AT 4486
MCCORRISTON JAMES R ROYAL VICTORIA HOSP 4609 MAPLEWOOD AVE MONTREAL QUE	MED DIPL 5 PL 1251
MCCOURREY WILLIAM N 4027 GREY AVE N D G MONTREAL QUE	B COM 2 EL 0374
MCCOY FRANKLIN E 1441 DRUMMOND ST MTL WILDROSE NORTH DAKOTA U S A	MD CM 3 MA 4171
MCCREADY PHILIP G 8326 DE GASPE AVE MONTREAL QUE	B D 2 VE 3005
MCCRIMMON MUNGO D 434 WOOD AVE WESTMOUNT 3262 CEDAR AVE WESTMOUNT QUE	B COM 3 FI 8981
MCCRUDDEN WILLIAM G 734 UPPER BELMONT AVE WESTMOUNT QUE	B ENG MCH 3 EL 4734
MCCUAIG JAMES A 1441 DRUMMOND ST MTL 144 COLLEGE ST PORT ARTHUR ONT	PH D 2
MCCUBBIN GEORGE M 23 MOUNT PLEASANT AVE VALOIS QUE P O BOX 170 ST JOSEPH DE SOREL QUE	B ENG EL 3
MCCULLOCH ELSIE J R R 4 PAISLEY ONT	B L S 1
MCCULLOGH KENNETH B 4620 MARCIL AVE N D G MONTREAL QUE ★53	B ENG MET 5 EL 1601
MCCULLY JAMES JOSEPH 436 LAFLEUR AVE VILLE LA SALLE QUE	B SC 4 EL 8581
MCDANIEL BERNARD M A 12 MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE	MD CM 4
MACDERMOT KATHARINE 4100 COTE DES NEIGES RD MONTREAL 25 QUE	B SC 3 FI 2774
MCDIARMID WILLIAM B 4535 MONTCLAIR AVE N D G MONTREAL QUE	B COM 3 WA 6047
MACDONALD ADOLPHUS G MACDONALD COLLEGE PICTOU N S	B SC AGR 4
MACDONALD ALEXANDER 1620 PICHE ST LACHINE QUE	B ENG EL 4
MCDONALD ANGUS J 4607 PARK AVE MTL HARRISONS CORNERS ONT	P ENG MCH 5
MACDONALD ANGUS LEO MACDONALD COLLEGE ST ANDREWS ANT CO NOVA SCOTIA	B SC AGR 3
MACDONALD BARBARA A MACDONALD COLLEGE 136 BREEZE HILL AVE OTTAWA ONT	B SC H EC 3
MACDONALD DONALD A 1181 HOPE AVE MTL 555 NORTH RD NEW WESTMINSTER B C	MD CM 3
MACDONALD EDWARD A 192 EDWARD LAURIN BLVD VILLE ST LAURENT QUE ★54	B A 1 BY 3227
MACDONALD FRANCES M 1260 REDPATH CRES MTL 16 RESERVE ST GLACE BAY N S	GR N CERT 1
MACDONALD IAN P L MACDONALD COLLEGE WELSFORD QUEENS CO N B	B SC AGR 3
MCDONALD JAMES W 4469 WILSON AVE N D G MONTREAL QUE	B A 2 EL 1027
MACDONALD JOHN B 6031 DES ERABLES AVE MTL 47 TRINITY AVE SYDNEY N S	MD CM 4
MACDONALD KENYON F 3565 LORNE AVE APT 12 MONTREAL QUE SUITE 408 1414 DRUMMOND MONTREAL QUE	B SC 3
MACDONALD MALCOLM H 3617 LORNE CRESCENT MTL 915 UNIVERSITY DR SASKATOON SASK	MD CM 4 LA 8013
MCDONALD MARGARET A MACDONALD COLLEGE 377 ROSLYN AVE WESTMOUNT QUE	B SC H EC 3
MACDONALD MARIANNE 2448 MADISON AVE MONTREAL QUE	B A 1 EL 9980
MCDONALD MARILYN MACDONALD COLLEGE 4940 PONSARD AVE MONTREAL QUE	B SC H EC 3
MCDONALD MARY ALICIA 3570 SHUTER ST MTL HARRISONS CORNERS ONTARIO	PARTIAL 0 PL 3705
MACDONALD MARY C 2075 LINCOLN AVE APT 15 MONTREAL QUE	M S W 2 GL 2682
MACDONALD NEIL 6530 MONKLAND AVE MTL 109 E 5TH ST MT VERNON N Y U S A	B COM 4 DE 3073
MCDONALD ROBERT C 3544 DECARIE BLVD N D G MONTREAL QUE	B ENG MI 5 WA 3309

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MACDONALD RODERICK MACDONALD COLLEGE GABARUS N S	M SC 1
MACDONALD WILLIAM R 145 BROCK AVE N MONTREAL WEST QUE	B ENG 1 EL 1920
MCDONELL DONALD JAMES 122 SELBY ST WESTMOUNT 308 FIRST ST W CORNWALL ONT	B SC 4
MACDONELL JOHN E 3438 ROSEDALE AVE MONTREAL QUE	MED DIPL 2 DE 0901
MCDONNELL CHARLES E 521 PRINCE ARTHUR ST W MONTREAL QUE 1987 SALLSBURY AVE NEW WESTMINSTER B C	MD CM 4 HA 1839
MCDONOUGH SHEILA D R V C 2560 COTSWOLD RD VICTORIA B C	B A 3 UN 0296
MCDOUGALL ANN H 4050 HARVARD AVE N D G MONTREAL QUE	B A 1 DE 5461
MCDOUGALL ARTHUR 1648 SHERBROOKE ST W MTL 1082 STE CECILE ST THREE RIVERS QUE	4 YO 5735
MCDOUGALL DAVID J 3 CORNWALL AVE TOWN OF MOUNT ROYAL QUE	PH D 3 EX 8080
MCDOUGALL GORDON 1648 SHERBROOKE ST W MTL 1082 ST CECILE ST THREE RIVERS QUE	B ENG MCH 5 YO 5735
MACDOUGALL HARTLAND M SARAGUAY QUE	B ENG 2 BY 2961
MACDOUGALL JAMES I MACDONALD COLLEGE R R 1 ANTGONISH N S	B SC AGR 4
MACDOUGALL LEONARD D 1782 DUNKIRK RD TOWN OF MOUNT ROYAL QUE	B ARCH 2 EX. 1711
MCDOUGALL ROBERT A 1000 SHERBROOKE ST W APT 1 MONTREAL QUE 453 BRENNAN AVE OTTAWA ONT	B A 3 BE 0657
MCDOUGALL ROSEMOND 32 HOLTON AVE WESTMOUNT QUE	B A 4 WI 0233
MCDOUGALL SANDRA L 32 HOLTON AVE WESTMOUNT QUE	L MUS 1 WI 0233
MCDOUGALL WILLIAM R 1648 SHERBROOKE ST W MTL 1082 ST CECILE ST THREE RIVERS QUE	B ENG CH 5 YO 5735
MACEACHERN KENNETH A 34 ORLEBAR ST CHARLOTTETOWN P E I	D D S 3
MCEACHRAN SHEILA 3110 WESTMOUNT BLVD WESTMOUNT QUE	B A 1 FI 7240
MCELHERON PETER M 1808 ST CATHERINE ST W MONTREAL QUE	B COM 2 WI 2506
MCELLIGOTT BEVERLEY 7457 QUERBES AVE MONTREAL QUE	B SC 1 DO 6998
MACEWAN DOUGLAS W 3534 UNIVERSITY ST MONTREAL 2 QUE	MD CM 3 LA 9012
MACEWAN JOHN ROSS 3534 UNIVERSITY ST MONTREAL QUE	B ENG MET 4 LA 9012
MCEWEN ADA ELIZABETH 1627 LINCOLN AVE APT 3 MONTREAL QUE R R 1 MAXVILLE ONT	GR N CERT 1 CH 1023
MACEWEN GERTRUDE E MACDONALD COLLEGE BOX 336 BUCKINGHAM QUE	B SC H EC 2
MCEWEN MURRAY DOUGLAS MACDONALD COLLEGE ORMSTOWN QUE	B SC AGR 2
MCEWEN ROBERT BLAIR DOUGLAS HALL BELL ST CARLETON PLACE ONT	MD CM 2
MCEWING JOHN BRUCE HUDSON HEIGHTS QUE	B ENG 2
MCFALL S ERIC 1308 ST CATHERINE ST W APT 11 MONTREAL 25 QUE	B ENG MET 5 PL 6327
MCFARLAND HAROLD M 2505 VAN HORNE AVE APT 18 MONTREAL QUE	B SC 4 EX 3829
MACFARLANE ANDREW R 121 BALLANTYNE AVE N MONTREAL WEST QUE	B ENG 1 DE 0415
MCFARLANE BRUCE A 66 KING GEORGE BLVD CROYDON QUE	B A 4
MCFARLANE DOUGLAS V 66 KING GEORGE BLVD CROYDON QUE	MD CM 4
MACFARLANE JOAN MARGARET 313 MONMOUTH AVE TOWN OF MOUNT ROYAL QUE	B S W 1 AT 1262
MACFARLANE JOHN ANGUS 3511 UNIVERSITY ST MTL 40 SQUIRE ST NEW LONDON CONN U S A	B ENG EL 5 BE 0344
MCFARLANE MARY DOREEN 4883 CONNAUGHT AVE N D G MONTREAL QUE	B SC 2 WA 8035
MACFARLANE MONA A 461 MOUNT PLEASANT AVE WESTMOUNT QUE	B SC 4 WI 0359
MCFARLANE PERCIVAL A 66 KING GEORGE BLVD CROYDON QUE	PARTIAL 0
MCGARRY ELEANOR E 4022 GREY AVE MONTREAL QUE	MED DIPL 3 EL 3280
MCGEE GEORGE PAUL 40 ST JOSEPH ST LACHINE QUE	MD CM 4
MCGEE HUBERT ALLEN 3445 PEEL ST MTL 70 JOFFRE ST SHERBROOKE QUE	B COM 4 HA 9462
MCGEER PATRICIA ANNE 642 ROSLYN AVE MTL VANCOUVER B C	GR N CERT 1 EL 1848
MCGERRIGLE DOUGLAS J MACDONALD COLLEGE P O BOX 448 HUNTINGDON QUE	B SC AGR 2
MCGHEE NORMAN L 3265 BARCLAY AVE APT 3 MONTREAL QUE 1220 EAST BOULEVARD CLEVELAND 8 OHIO U S A	B COM 2 AT 7732

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MCGIBBON JAMES IAN 7005 TERREBONNE AVE N D G MONTREAL QUE	B ENG MCH 5 EL 4421
MCGILL JOHN W 4 GRENVILLE AVE WESTMOUNT QUE	B COM 1 EL 2211
MCGILL ROBERT 102 CORNWALL AVE TOWN OF MOUNT ROYAL QUE	B SC 1 AT 0394
MCGILLIS DONALD T 713 CHAMPAGNEUR AVE OUTREMONT QUE	B ENG EL 5 DO 2995
MCGILLIS ISOBEL ANNE 225 LAZARD AVE TOWN OF MOUNT ROYAL QUE	B COM 1 AT 8105
MCGILLIVRAY CAROL R V C BOX 510 KAMLOOPS B C	PHYSIOTH 3 UN 0038
MCGILLIVRAY KATHERINE R V C 526 SYDNEY ST N CORNWALL ONT	B A 3 UN 0069
MCGILLIVRAY RUSSELL 47 KING S RD VALOIS QUE	B A 4
MCGILTON GORDON L 3508 UNIVERSITY ST MTL STANSTEAD COLLEGE STANSTEAD QUE	B A 2 HA 4873
MCGLASHAN ROBERT G MACDONALD COLLEGE 1013 FIRST AVE VERDUN QUE	TCH INT 2
MCGOVERN JOHN RICHARD 4063 DORCHESTER ST W WESTMOUNT QUE	B ENG EL 5 WE 3019
MACGOWAN DOUGLAS G 419 PRINCE ARTHUR ST W MONTREAL QUE 25 MONCTON AVE APT 3 QUEBEC CITY QUE	B ENG MCH 4 HA 1088
MCGOWAN KENNETH 306 PINE AVE ST LAMBERT QUE	B SC P E 2
MCGOWN JAMES 142 APPIN AVE TOWN OF MOUNT ROYAL QUE C O CPR SHOPS KAMLOOPS B C	B ENG MCH 5 AT 4855
MCGOWAN JAMES JOSEPH 1563 MCGREGOR ST MTL 759 RAE ST REGINA SASK	B COM 2 FI 8302
MCGRAW ROBERT LLOYD 4129 KING EDWARD AVE MTL 31 ADA AVE BRANTFORD ONT	B COM 4 EL 1020
MACGREGOR JAMES G MACDONALD COLLEGE 427 LA FAYETTE BLVD MONTREAL S 23 QUE	TCH INT 1
MACGREGOR JOHN PETER 4304 OXFORD AVE N D G MONTREAL QUE	B ENG EL 3 DE 8033
MCGREGOR NEIL 1611 DUCHARME AVE OUTREMONT QUE	B SC P E 4 CA 3826
MCGREGOR ROBERT YORK 3478 MCTAVISH ST MTL 68 HAMILTON AVE CHATEAUGUAY HEIGHTS QUE	B COM 3 PL 7412
MCGUIGAN BRIAN JOHN 432A COOLBROOK AVE MONTREAL QUE	B COM 1 EL 7487
MCGUINNESS NORMAN W 69 KINGS ROAD VALOIS QUE	B ENG 2
MCGUIRE ROBERT M DOUGLAS HALL 215 SYDNEY ST CORNWALL ONT	B SC 4 UN 0078
MCGURK STANLEY EARL 3420 LACORDAIRE ST MONTREAL 5 QUE	B ENG 2 CL 4604
MCHAFFIE GERALD R MACDONALD COLLEGE MORRISBURG ONTARIO	B SC AGR 2
MACHUTCHIN GRAHAM J 229 DENISON AVE GRANBY QUE	B ENG CI 4
MACINNIS MICHAEL V 3608 OXENDEN AVE MTL 42 CAMPBELL ST SYDNEY N S	MD CM 3 HA 7548
MCINROY ANDREW JOHN 4174 HARVARD AVE MONTREAL 28 QUE	B ENG 2 EL 8334
MCINTOSH ANN MARILYN R V C 29 CATHERINE ST PORT COLBORNE ONT	B SC 1 UN 0088
MACINTOSH CHARLES R 137 TARA HALL AVE MONTREAL 18 QUE	B ENG CI 3 LA 5358
MACINTOSH DONALD J 66 DORCHESTER ST E MTL LISMORE PICTOU CO N S	MED DIPL 2 PL 7751
MCINTOSH IAN 1420 PINE AVE W 46 PRICE ST KENOGAMI QUE	B SC 3 HA 7891
MACINTOSH JAMES A 137 TARA HALL AVE MONTREAL QUE	B ENG 2 LA 5358
MACINTOSH PETER C DOUGLAS HALL 48 DUFFERIN AVE RICHMOND QUE	B SC 1 UN 0068
MACINTYRE ALEXANDER 4054 DORCHESTER ST W WESTMOUNT QUE	B C L 3 WI 2902
MCINTYRE EDMUND HUGH THEOLOGICAL COLLEGE ULVERTON QUE	B ENG CH 3 BE 0752
MACIVER MARY AGNES 579 CHAMPAGNEUR AVE OUTREMONT QUE	B A 4 DO 2953
MACIVER MURDO 3360 RIDGEWOOD AVE APT 10 MONTREAL QUE P O BOX 166 SCOTSTOWN QUE	B SC 4 EX 7904
MACIVER WALTER ERNEST 7767 CHAMPAGNEUR AVE MONTREAL QUE	B COM 4 CA 2550
MACK WILLIAM ROBERT 4386 MONTROSE AVE WESTMT 133 SYDNEY ST CORNWALL ONT	B ARCH 4 WE 5486
MCKAY ALEXANDER R 161 APPIN AVE MONTREAL QUE	B ENG 1 EX 3447
MACKAY GERALD DUNCAN 1455 ORLEANS ST MONTREAL QUE	B ENG CI 4 FA 0937
MCKAY IAN ALBERT 3451 OXFORD AVE MONTREAL QUE	M A 2 DE 4182

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MACKAY JOHN AGRET 770 UPPER BELMONT AVE WESTMOUNT QUE	MD CM 2 EL 5080
MACKAY JOHN ERNEST 545 PINE AVE WEST MTL 126 LANSDOWNE ST FREDERICTON N B	MD CM 1 MA 1345
MACKAY JOHN REITH 2495 MARIETTE AVE N D G MONTREAL QUE	B ENG MCH 5 DE 5155
MACKAY KENNETH C 1490 FORT STREET MONTREAL QUE	M C L 1 WE 9358
MACKAY MARGARET L 4275 WESTERN AVE APT 2 MONTREAL QUE HANEY BRITISH COLUMBIA	M A 1 WI 0400
MACKAY ROBIN 770 UPPER BELMONT AVE WESTMOUNT QUE	B A 4 EL 5080
MCKEAGE BYRON MUNN 131 LEWIS AVE MTL ROCK ISLAND QUE	B A 3 WE 5708
MCKEE DOUGLAS ALLAN 435 GROSVENOR AVE APT 5 WESTMOUNT QUE	M ENG 1 DE 6828
MACKELL PETER ROBERT DOUGLAS HALL 209 FOURTH AVE OTTAWA ONT	B C L 3 UN 0028
MACKELLAR JAMES C 1658 ROSLYN AVE MONTREAL QUE	B ENG CH 5 WA 3179
MCKENNA ANITA S J 4498 COTE DES NEIGES RD MONTREAL QUE	B A 1 AT 7915
MCKENNA KENNETH J MACDONALD COLLEGE 4505 COTE DES NEIGES RD MONTREAL QUE	AGR DIP 1
MACKENZIE AGNES 3400 RIDGEWOOD AVE APT 23 MONTREAL QUE	M SC 2 EX 9540
MCKENZIE ALLAN D ROYAL VICTORIA HOSP KELOWNA B C	MED DIPL 5 PL 1251
MACKENZIE DAVID 572 GROSVENOR AVE WESTMOUNT QUE	B C L 3
MACKENZIE DONALD E 347 5TH AVE VILLE LASALLE QUE	B C L 3 HE 1970
MCKENZIE DUNCAN A STE 2 214 PLATEAU ST MTL 210 BROOKLYN ST WINNIPEG MAN	M S W 2
MACKENZIE ELEANOR J 3480 ONTARIO AVE MTL 210 BUENA VISTA RD ROCKCLIFFE PARK OTTAWA ONT	B L S 1 PL 0044
MACKENZIE ELIZABETH R V C 1003 FORGET AVE QUEBEC CITY QUE	B A 3 UN 0019
MACKENZIE HALLAM N 428 SHERBROOKE ST APT 21 MONTREAL QUE DALNEY MAXWELL COAST CHRIST CHURCH BARBADOS	GRAD QUAL 1 MA 4843
MCKENZIE GEOFFREY G 3421 DRUMMOND ST MTL BANK HOUSE PINE HILL BARBADOS B W I	B COM 3 LA 0095
MACKENZIE HELEN LOIS R V C SCOTSTOWN QUE	B A 3 UN 0107
MACKENZIE JAMES R 20 BEULAH AVE HAMILTON ONT	B A 2
MCKENZIE MARY E 1227 SHERBROOKE ST W APT 52 MONTREAL QUE	B A 4 LA 4889
MACKENZIE RICHARD K 2467 MAPLEWOOD AVE APT 4 MONTREAL QUE ★65	B SC 4 AT 3953
MCKENZIE WILLIAM B 5415 BORDEN AVE MONTREAL QUE	B ENG 1 DE 7331
MCKEOWN JAMES HUGH 735 UPPER BELMONT AVE WESTMOUNT QUE	B COM 4 EL 6054
MCKEOWN SALLY JOYCE MACDONALD COLLEGE 735 UPPER BELMONT AVE WESTMOUNT QUE	TCH ELEM 1
MACKEY ARTHUR GERRANS 3653 UNIVERSITY ST MTL 340 MACLAREN ST OTTAWA ONT	MD CM 3 PL 2073
MACKEY JOHN DAVID 44 BURTON AVE WESTMOUNT QUE	B SC P E 1 WA 5268
MACKEY BARBARA 44 BURTON AVE WESTMOUNT QUE	B A 1 WA 5268
MACKIE MARION A MACDONALD COLLEGE RATHFERN WHITEABBEY BELFAST N IRELAND ★56	B SC AGR 3
MCKILLICAN MARY E CHEMISTRY DIVISON SCIENCE SERVICE BLDG DEPT OF AGRIC OTTAWA ONT	PH D 4
MACKIMMIE JOHN C THEOLOGICAL COLLEGE LACHUTE QUE	MD CM 3
MCKINDSEY JEAN MARY MACDONALD COLLEGE 13 ACADEMY ST LENNOXVILLE QUE	TCH KIND 1
MCKINDSEY JOHN A MACDONALD COLLEGE LENNOXVILLE QUE	TCH INT 1
MCKINLEY WILLIAM P MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 1
MCKINNA ALFRED JOHN THEOLOGICAL COLLEGE ALIDA SASK	MD CM 3 BE 0752
MACKINNON DONALD R 3421 DRUMMOND ST MTL 238 LAFAYETTE ST MONTREAL SOUTH QUE	B A 3 LA 0950
MACKINNON GEORGE L C R V H 1365 DECARIE BLVD APT 34 VILLE ST LAURENT QUE	M SC 2 PL 1251
MACKINNON MAIRI R 660 GROSVENOR AVE WESTMOUNT QUE	B SC 4 EL 3076
MACKINNON MARGARET APT 38 LINTON APTS GUY & SHERBROOKE MTL 186 SOUTH KINGSWAY TORONTO ONT	MD CM 2 FI 8793
MACKINNON MARGARET E R V C 461 QUINPOOL RD HALIFAX N S	B SC P E 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MACKINNON MARY P R V C CHURCH ST ANTIGONISH N S	PHYSIOTH 1
MCINTYRE JOHN DUNCAN 350R UNIVERSITY ST MTL 3320 LINWOOD AVE VICTORIA B C	MD CM 4
MCKIRDY HELEN G MACDONALD COLLEGE 547 S SYNDICATE AVE FORT WILLIAM ONT	B SC H EC 3
MCKNIGHT PATRICIA J 4625 ROSEDALE AVE N D G MONTREAL QUE	B A 4 EL 6628
MACLACHLAN WILLIAM R 4050 RIDGEVALE AVE APT 9 MONTREAL QUE	B ENG MCH 5 EX 8093
MACLAREN ALEXANDER S 6 36TH AVE LACHINE 20 RENFREW AVE OTTAWA ONT	PH D 2
MCLAREN IAN ALEXANDER 4890 MAYFAIR AVE N D G MONTREAL QUE	B SC 3 DE 0260
MACLAREN JANE ANNE 220 STANSTEAD AVE TOWN OF MOUNT ROYAL QUE	B A 2 AT 3744
MACLAREN JANET O R V C BUCKINGHAM QUE	B A 4
MACLAREN LE ELLEN C BOX 334 CANMORE ALBERTA	GR N CERT 1
MACLAREN MARGARET H R V C 270 BOCHAN RD ROCKCLIFFE OTTAWA ONTARIO	B A 4 UN 0148
MCLARREN SHEILA P 4848 WESTMOUNT AVE WESTMOUNT QUE	EDUCATION 1 WA 9357
MACLAUGHLAN DONALD M 4554 ROYAL AVE MONTREAL 28 QUE	B COM 2 EL 2824
MCLAUGHLIN HARRY A MACDONALD COLLEGE R R 3 LAWRENCETOWN ANNA CO N S	B SC AGR 4
MCLAUGHLIN VICTOR D 545 PINE AVE W MTL PARRSBORO N S	MD CM 3 MA 1545
MCLAUGHLIN WALTER E 3509 HUTCHISON ST APT 11 MONTREAL QUE 1 COTE DE LA MONTAGNE ST EDMUNDSTON N B	B COM 4 MA 9089
MACLAURIN STEWART 5849 MCLYNN AVE N D G MONTREAL QUE	B ENG CI 5 AT 6805
MCLEAN BARRIE A 5235 COTE ST LUC RD APT 15 N D G MTL QUE	B A 1 WA 7069
MACLEAN CATRIONA D 1200 MACKAY ST MTL R R 4 ALEXANDRIA ONT	MD CM 1 FI 4562
MACLEAN DAVID A 2070 UNIVERSITY ST MTL FLAT RIVER P E I	B COM 3 HA 7016
MACLEAN DONALD F 6101 SOMERLED AVE N D G MONTREAL QUE	B ENG MCH 4 DE 7186
MACLEAN DONALD W 381 GROSVENOR AVE WESTMOUNT QUE	B SC 3 DE 5090
MACLEAN HEATHER JEAN MACDONALD COLLEGE 122 ST CYR AVE MONTREAL EAST 5 QUE	B SC H EC 1
MACLEAN HUGH A 347R MCTAVISH ST MTL 75 DUNVEGAN RD TORONTO ONT	B A 1 PL 7412
MACLEAN JAMES AUBREY 3473 UNIVERSITY ST MTL GROSSE ILLE MAGDALEN ISLANDS QUE	PARTIAL 0 MA 4902
MCLEAN JOAN ELIZABETH 4641 CUMBERLAND AVE MONTREAL QUE	B SC 2 WA 4025
MACLEAN KEITH STEWART 3490 VAN HORNE AVE APT 3 MONTREAL QUE	MD CM 3 EX 1003
MACLEAN MARGARET ANN 2937 ATHOL STREET REGINA SASK	B N 2
MCLEAN MARGARET JEAN 7929 DE L EPEE AVE MONTREAL QUE	B A 2 CA 4389
MACLEAN MAIRI M 1200 MACKAY ST MTL R R 4 ALEXANDRIA ONT	MD CM 1 FI 4562
MCLEAN MARIE J 4641 CUMBERLAND AVE MONTREAL QUE	B SC 4 WA 4025
MACLEAN MARY LENORE MACDONALD COLLEGE 89 TREMOY RD NORANDA QUE	B SC H EC 1
MACLEAN RICHARD M 538 PRINCE ARTHUR ST MTL 15 BON ACCORD RD PT A PIERRE TRIN B W I	B SC 2
MACLEISH ELIZABETH A 1537 BURNSIDE PLACE MONTREAL QUE	B SC 2
MCLEISH JOHN WILFRED 1265 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B COM 2 AT 2753
MACLEISH MARGARET H 1537 BURNSIDE PLACE MONTREAL QUE	B SC 3
MACLEISH PATRICIA E MACDONALD COLLEGE 1537 BURNSIDE PLACE MONTREAL QUE	B SC H EC 1
MCLELLAN ROBERT ALAN 545 PINE AVE W MTL 15 GRENFELL ST SWASTIKA ONT	MD CM 3 MA 1545
MACLELLAN ROBERT S 3581 UNIVERSITY ST MTL 116 STRATH AVE TORONTO ONT	B A 3 MA 3842
MCLELLAN STEWART D 9 ST JOSEPH ST MTL CANTERBURY N B	B SC AGR 3
MCLENNAN HUGH 3260 BARCLAY AVE MONTREAL QUE	PH D 3 EX 6901
MACLENNAN MARGARET 560 BERWICK AVE TOWN OF MOUNT ROYAL QUE	B A 2 AT 3266
MACLENNAN TAYLOR 25 BURTON ST WESTMOUNT R R 1 FREEMAN ONT	B COM 1 WA 4033
MACLEOD ANGUS A 5010 SHERBROOKE ST W APT 21 N D G MTL QUE	B S W 1 EL 0869

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MACLEOD ANN CAROL 683 GROSVENOR AVE WESTMOUNT QUE	B A 4 DE 3012
MACLURE KENNETH C 3465 RIDGEWOOD AVE APT 405 MONTREAL 26 QUE	PH D 3 EX 9034
MCMANUS GERALD 6383 CHATEAUBRIAND ST MONTREAL QUE	B A 2 TA 0970
MCMANUS JOHN WILLIAM 4100 COTE ST CATHERINE APT 19 MONTREAL QUE	B A 2 EX 9593
MCMILLAN ALLAN KENNETH 640 SIXTH AVE VERDUN QUE	B ENG CH 5 YO 0192
MACMILLAN AUDREY E M 45 PERREAULT AVE STE ANNE DE BELLEVUE QUE FAIRVIEW P E I	B SC AGR 4
MACMILLAN CHARLES C 4330 SHERBROOKE ST APT 15 WESTMOUNT QUE	MD CM 1 FI 7420
MACLEOD CHARLOTTE L 683 GROSVENOR AVE WESTMOUNT QUE	B A 3 DE 3012
MCLEOD DAVID JAMES 55 WOLSLEY AVE MTL W JACKFISH ONT	B ENG 1
MCLEOD DONALD E 2202 ADDINGTON AVE MONTREAL 28 QUE	B SC 4 DE 5360
MCLEOD HECTOR IVAN 3589 LORNE AVE MONTREAL QUE	D D S 4 BE 6712
MACLEOD JOANNE M 65 EDOUARD LAURIN BLVD ST LAURENT QUE	B A 1 BY 5103
MACLEOD LLOYD BECK MACDONALD COLLEGE GRAND VIEW P E I	B SC AGR 3
MACLEOD MARION JEAN R V C DRAWER 5 FINCH ONT	B SC 1
MACLEOD MARY MARGARET MACDONALD COLLEGE BOX 1096 NEW GLASGOW N S	B SC H EC 2
MCLEOD PHILIP BURTON 2526 MONTCLAIR AVE N D G MONTREAL QUE	B L S 1 WA 1035
MCLEOD RACHEL JOANNA 528 ARGYLE AVE WESTMOUNT QUE	B A 1 WE 1333
MCLEOD RACHEL JESSIE 562 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	B A 3
MCLEOD ROBERT GORDON 3240 MAPLEWOOD AVE MTL 253 KING ST E SAINT JOHN N B	B COM 3 AT 2745
MCLEOD SHEILA LEE MACDONALD COLLEGE 2202 ADDINGTON AVE N D G MONTREAL QUE	TCH ELEM 1
MCLEOD WILLIAM R 4094 TUPPER ST WESTMOUNT QUE	L MUS 2 WE 3898
MCLETCHIE RAE 746 CHAMPAGNEUR AVE OUTREMONT QUE	B A 3 CR 2056

NAME ADDRESS	COURSE & YEAR TEL. NO.
MACMILLAN DUNCAN R 4330 SHERBROOKE ST W APT 15 WESTMOUNT QUE	B SC 3 FI 7420
MACMILLAN MARY ISABEL 235 LAZARD AVE TOWN OF MOUNT ROYAL QUE	B A 4 AT 2746
MACMILLAN SHEILA MACL 26 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B A 2 AT 1828
MCMULLAN DAVID K 3421 DRUMMOND ST MTL 20 LEMESURIER AVE QUEBEC CITY QUE	B ENG CH 4 LA 0950
MCMULLEN CARMAN C 8960 ST LAWRENCE BLVD APT 311 MONTREAL 14 QUE 217 GENEVA ST ST CATHARINES ONT	PH D 2
MCMULLEN J PETER 4209 OXFORD AVE N D G MONTREAL QUE	B SC 3 DE 7601
MCMURTRIE MARGERY A R V C 940 1ST AVE W OWEN SOUND ONT	B A 2 UN 0097
MCMURTRY FLORENCE 339 LANSDOWNE AVE WESTMOUNT QUE	M S W 2 WA 3953
MCMURTRY GILBERT J 3647 UNIVERSITY ST MTL 1924 COLLEGE AVE REGINA SASK	B ENG 2 MA 2808
MACNAB MONA ANNA S 15 STE ANNE ST STE ANNE DE BELLEVUE QUE 5161 QUEEN MARY RD APT 15 MONTREAL 29 QUE	TCH ELEM 1
MCNABB SHIRLEY ANNE R V C 24 MONKLAND AVE OTTAWA ONT	B A 2 UN 0148
MCNAIR MARION LORENE MACDONALD COLLEGE CAREY S HILL P O BONAVENTURE CO QUE	TCH ELEM 1
MACNAUGHTON EDYTHE M 9 HUDSON AVE WESTMOUNT QUE	B A 4 WE 5317
MACNEIL DONALD JOHN 3517 HUTCHISON ST MTL 38 TENNYSON RD WEST NEWTON MASS U S A	MD CM 1 PL 6905
MCNEILL JOHN 3541 SHUTER ST MTL 411 21ST AVE N W CALGARY ALTA	B ENG MCH 5 MA 9504
MCNEILL ROBERT G 5200 BANNANTYNE AVE APT 4 MONTREAL QUE COTEAU STATION QUE	B ENG MCH 4 HE 0822
MCNEIL SMITH ANNE L 42 ST ANNE ST ST ANNE DE BELLEVUE QUE 4218 MADISON AVE N D G MONTREAL QUE	TCH ELEM 1
MANNING JOHN CALVIN 3668 DUROCHER ST MTL RICHMOND QUE	B COM 1
MCNICOL SHIRLEY W R V C ST ANICET QUE	B A 4 UN 0296
MCNICOLL DIANNE BELL 148 COTE ST ANTOINE RD MONTREAL QUE	B A 2 FI 9012

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MCNULTY JOHN RILEY 3573 HUTCHISON ST MTL APT 301 MTL QUE 20 LEROY ST POTSDAM N Y U S A	MD CM 2
MCOUAT DONALD WILLIAM ★57 MACDONALD COLLEGE P O BOX 23 LACHUTE QUE	B SC AGR 2
MCOUAT FRANCES A MACDONALD COLLEGE ST ANDREWS EAST QUE	B SC H EC 2
MCPARLAND STANLEY J 1205 FORT ST APT 6 MTL 21 8TH ST NORANDA QUE	D D S 3 TA 2801
MAPHAIL MARILYN C MACDONALD COLLEGE KEMPTVILLE ONT	B SC H EC 2
MCPHEE GEORGE B 3585 HUTCHISON ST P O BOX 53 NASSAU BAHAMAS	MD CM 2
MCPHERSON DELROY W 258 SHERBROOKE ST W MTL MANDEVILLE JAMAICA B W I	B SC 2 BE 7102
MCPHERSON GERALD M MACDONALD COLLEGE WILLIAMSBURG ONT	B SC AGR 4
MACQUARRIE ELIZABETH 320 BALLANTYNE AVE N MONTREAL WEST QUE	B SC P E 2 EL 2813
MACQUARRIE HEATH N 3485 MCTAVISH ST MTL VICTORIA P E I	PH D 3 BE 4219
MCQUITTY SHEILAGH M R V C STE ANNE S HOSPITAL STE ANNE DE BELLEVUE QUE	B SC P E 4
MACRAE ARTHUR WILLIAM 495 PRINCE ARTHUR W MONTREAL 18 QUE	B A 3 MA 3983
MCRAE MURRAY EVERET 1465 OUIMET ST APT 10 VILLE ST LAURENT QUE	B ENG CI 3 BY 7417
MACRAKIS NICHOLAS 3441 PEEL ST MTL PSYCHIKO ATHENS GREECE	B ENG CH 5 BE 7017
MCROBERT STANLEY C 12 NORTHCOTE RD HAMPSTEAD QUE	B ENG 1 WA 2321
MCTAGGART GEORGE D 499 VICTORIA AVE WESTMOUNT QUE	B ENG 1 DE 5005
MACTAVISH DAVID L 74 CHESTERFIELD AVE WESTMOUNT QUE	B A 3 WA 1541
MCVEY VAUGHAN 525 LANSDOWNE AVE WESTMOUNT QUE	B ENG 2 DE 8893
MCVEY WILLIAM ARTHUR 475 VICTORIA AVE WESTMOUNT QUE	B COM 4 EL 9472
MCVITTIE HUGH DONALD MACDONALD COLLEGE 5413 HUTCHISON ST MONTREAL R QUE	B SC AGR 3
MCVITTIE MARGARET E MACDONALD COLLEGE NORTH HATLEY QUE	B SC H EC 3
MACHADO PEDRO NEL 2047 UNION AVE MTL CALLE 8 NO 1050 CALI COLOMBIA S AMERICA	B ENG 1 PL 0646
MACHAN JEAN SHIRLEY 1470 FORT ST APT 2 MONTREAL QUE	B A 2 FI 1051
MAGUIRE GERALD HUGH 2050 PATRICIA AVE APT 7 N D G MONTREAL QUE	MD CM 1 EL 9703
MACHIDA GEORGE 4910 SHERBROOKE ST W WESTMOUNT QUE	B ENG 1 WA 5864
MACHLOVITCH SEYMOUR 3748 KENT AVE MONTREAL QUE	B COM 3 EX 1787
MADDISON ANGUS 3346 GILMAN TERRACE BALTIMORE 11 MD U S A 125 STOOPERDALE AVE DARLINGTON ENGLAND	PH D 3
MAGARVEY RAYMOND H 1441 DRUMMOND ST MTL CANNING N S	PH D 3 MA 4171
MAGEE CHARLES OSMUND 3439 SHUTER ST MTL 1721 BAYVIEW AVE TORONTO ONT	M A 1 BE 0017
MAGID MIRIAM 51 MCNIDER AVE OUTREMONT QUE	B A 3
MAGNAN ROSE MARIE P 4600 KING EDWARD AVE N D G MONTREAL QUE	B A 2 WA 7923
MAGONET ALLAN PHIL.P 4816 JEANNE MANCE ST MONTREAL R QUE	B COM 3 DO 9679
MAGOR BARBARA MARY 17 KILBURN CRESCENT HAMPSTEAD QUE	B A 1 EL 4689
MAGOR MURRAY C 3000 BRESLAY RD MONTREAL QUE	B A 4 FI 2036
MAGYAR WILLIAM BELA 3424 ST DOMINIQUE ST MONTREAL QUE	B ENG MI 3 PL 1032
MAHABIR JERSLEY E 456 PINE AVE W APT 31 MONTREAL QUE 37 CARIB ST SAN FERNANDO TRIN B W I	B SC 1 BE 9677
MAHAR THELMA AGATHA 655 16TH AVE APT 2 LACHINE QUE	PHYSIOTH 1
MAHASE BARBARA H 3505 SHUTER ST MTL GUAICO TRINIDAD B W I	B A 3 UN 4437
MAHASE LENORE L S 3505 SHUTER ST MTL GUAICO TRINIDAD B W I	PARTIAL 0 UN 4437
MAHATOO WINSTON H 2048 METCALFE ST MTL LOWER MAIN ST SIPARIA TRINIDAD B W I	B SC 2 UN 2773
MAHER PHYLLIS M 5666 18TH AVE OUTREMONT QUE	M A 2 CL 1844
MAHEU YVES RENE 3420 DRUMMOND ST MTL 37 AVE DES ERABLES ARTHABASKA QUE	B ENG CI 3 BE 9680
MAHOMED JOHN ARTHUR 3244 VERDUN AVE VERDUN QUE	B ENG 2 TR 4830
MAHOMED MARJORIE A 3244 VERDUN AVE VERDUN QUE	B A 3 TR 4830

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MAHON JOHN HAROLD 70 KILBANY CRESC OTTAWA ONT	PH D 2
MAHONEY JOHN FRANCIS MACDONALD COLLEGE R R 1 BRISTOL N B ★51	B SC AGR 3
MAIER RICHARD M 3434 MCTAVISH ST MTL 197 COLDSTREAM AVE TORONTO ONT	B COM 1 PL 4492
MAILHOT ROCH LOUIS 637 DUNLOP ST OUTREMONT QUE	B COM 1 AT 8349
MAINVILLE SYLVIO A 3440 MARCIL AVE MTL 2 LASALLE AVE BOURLAMAQUE QUE	B ENG EL 4 WA 7337
MAIR AUDRE YVONNE R V C 4 DEVON RD HALF WAY TREE JAMAICA	B A 3 UN 0198
MAIZEL NORAH LEE 869 MCEACHRAN AVE OUTREMONT QUE	B A 3
MAJEAU HENRIE LIONEL 8966 ST HUBERT ST MONTREAL 12 QUE	B ENG 2 VE 4494
MAJOR ALICE RUBY 500 PINE AVE WEST MONTREAL QUE	PARTIAL 0 BE 0327
MAJOR PHYLLIS EILEEN 4816 WILSON AVE N D G MONTREAL QUE	B A 3 EL 6572
MAKELY HOWARD V 428 STRATHCONA AVE WESTMOUNT QUE	B ENG AM 5 WA 2844
MAKI TAUNO ALLAN 3451 DRUMMOND ST MTL 272 PEARL ST PORT ARTHUR ONT	B ENG MI 4
MAKILA OLAVI A 354 OLIVER AVE MONTREAL ISLE MALIGNE QUE	PARTIAL 0 FI 8032
MAKIN AUDREY ISABEL 1380 DECARIE BLVD APT 26 VILLE ST LAURENT	PARTIAL 0
MAKONNEN ADUNYA 3436 DUROCHER ST APT 9 MONTREAL QUE KERESSA HARRAR ETHIOPIA	B SC 3 LA 8078
MALABRE LANCELOT C 209A TRENHOLME AVE N D G MONTREAL QUE	B ENG MET 5
MALCOFF GERALDINE 3295 RIDGEWOOD AVE APT 22 MONTREAL QUE	B A 2 AT 0776
MALCOLM DAVID JOHN MACDONALD COLLEGE 4317 MADISON AVE N D G MONTREAL QUE	B SC AGR 3
MALCOLM ROBERT CALVIN 4317 MADISON AVE N D G MONTREAL QUE	B SC 2 EL 3765
MALCOLM THOMAS ROSS 1 MALCOLM RD WESTMOUNT QUE	B A 2 FI 7547
MALDOFF AURUM ORRIN 923 HARTLAND AVE OUTREMONT QUE	B COM 1 AT 3248
MALLOZZI FRANK 6663 BORDEAUX ST MONTREAL QUE	B ENG EL 5
MALMBERG JOHN MAGNUS 2076 UNION AVE MTL 70 KENILWORTH AVE OTTAWA ONT	B ENG MCH 5
MALMO DAVID BEVERLEY 6720 SHERBROOKE ST W N D G MONTREAL QUE	B SC 1 DE 0366
MALO PAUL EMILE G 480 PRINCE ARTHUR ST MTL 17 TOURIGNY ST VICTORIAVILLE QUE	B ENG EL 5 MA 0879
MALOMET ALVIN 3923 DROLET ST MONTREAL QUE	B ENG 2 MA 1074
MALONE MAURICE F 3815 HAMPTON AVE N D G MONTREAL QUE	B COM 4 EL 5609
MALONE WILLIAM V 4560 ST CATHERINE ST MTL 558 SO SUMMER ST HOLYOKE MASS U S A	B ENG CI 4 WE 3441
MALTINSKY JACOB J 87 MCNIDER AVE OUTREMONT QUE	B COM 1 TA 4166
MAMELAK ROSE 4568HUTCHISON ST MONTREAL QUE	PH D 1 VI 8810
MANCHESTER DONALD 6480 MONKLAND AVE MONTREAL QUE	PH D 4
MANDELCORN LYON 5026 PARK AVE MONTREAL QUE	PH D 3 DO 7075
MANDIGO HAROLD M 3545 MCTAVISH ST MTL KNOWLTON QUE	B A 4 PL 1798
MANES JOHN DALTON 3300 TROIE AVE APT 1 MTL 253 NORTH COURT ST PORT ARTHUR ONT	MD CM 4 Ex 8778
MANHART JOHN DANIEL 1585 DECARIE BLVD APT 24 ST LAURENT QUE 656 SO HUDSON AVE LOS ANGELES CALIF U S A	M SC 1
MANLEY KARL L DIOCESAN COLLEGE 6 LEIGHTON RD CROSS RDS P O JAMAICA B W I	B COM 2 MA 4902
MANLEY ROCKLIFFE 3473 UNIVERSITY ST MTL 6 LEIGHTON RD CROSS RDS JAMAICA BWI	M SC 1 MA 4902
MANN JOHN CLIFFORD 14 LAKESIDE AVE LAKESIDE QUE ★59	B A 3
MANN MARGARET EDINA 3566 PARK AVE MTL 346 SHERWOOD DRIVE OTTAWA ONT	B D 3 HA 4053
MANNARD GEORGE W 633 DUMFRIES RD TOWN OF MOUNT ROYAL QUE	B SC 1 Ex 1571
MANOLOVICI ALICE A 3470 MOUNTAIN ST MONTREAL QUE	B A 2 LA 1608
MANOUKIS DEMOSTHENES 4915 COTE ST CATHERINE APT 5 MONTREAL QUE 23 SOUIEROU ST ATHENS GREECE	B ENG EL 3 Ex 4409
MANSFIELD JAMES PARIS MACDONALD COLLEGE R R 1 WESTBORO OTTAWA ONT	B SC AGR 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MANSFIELD JOHN L MACDONALD COLLEGE WESTBORO R R 1 OTTAWA ONT	AGR DIP 2
MANTZAVINOS ANTHONY 1028 SHERBROOKE ST W MONTREAL QUE 29 HERODOTON ST ATHENS GREECE	B A 4 PL 9865
MANZO DOMENIC JOSEPH 7463 DROLET ST MONTREAL 10 QUE	B A 2 CA 6779
MARBLE JOANN R V C 12 MAPLE LANE OTTAWA ONT	B F A 3 UN 0168
MARCH RAYMOND JOHN 3639 STE FAMILLE ST MTL 13 BOWER AVE OTTAWA ONT	B SC 4
MARCHAND FRANCOIS E 3610 DUROCHER ST APT 14 MONTREAL QUE 340 OSGOODE ST OTTAWA ONT	B ENG MCH 5 LA 7993
MARCHANT PETER 1132 BURNSIDE APT 7 MONTREAL QUE	B A 2
MARCHESSAULT JACQUES 3685 PARK AVE MTL P O BOX 87 WEST SHEFFORD QUE	B C L 3 HA 6547
MARCHESSAULT ROBERT 3471 BELMORE AVE N D G MONTREAL QUE	PH D 1 EL 8044
MARCHESSAULT RONALD 8320 CASGRAIN ST MONTREAL QUE	PARTIAL 0 DU 4352
MARCOTTE PIERRE A 3654 HUTCHISON ST MTL 628 NOTRE DAME ST THETFORD MINES QUE	B COM 2 HA 4468
MARCOTTE SIMON ANDRE 8466 ST DENIS ST MONTREAL 10 QUE	B ENG MCH 4 DU 1257
MARCOU LOIS JOAN R V C 275 SCHOOL ST BERLIN N HAMP U S A	B A 2 PL 0934
MARCOVITZ BERNARD 859 CHAMPAGNEUR AVE OUTREMONT QUE	B A 1 CR 8183
MARCUS MATTHEW PHILIP 4720 DUPUIS ST APT 28 MONTREAL QUE 66 OXFORD RD GROSSE PT SHORES 30 MICH U S A	B A 4 EX 3877
MARGLES MAX HYMAN 3784 KENT AVE MONTREAL QUE	B ENG CI 5 EX 6365
MARGO RUTH EDITH 4445 MAYFAIR AVE N D G MONTREAL QUE	B SC 1 EL 2084
MARGOLIS LEO MACDONALD COLLEGE 5642 JEANNE MANCE ST MONTREAL QUE	PH D 2
MARIEN BREEN NORMAN 649 ROCKLAND AVE OUTREMONT QUE	MED DIPL 1 CA 5547
MARIN GODFROY 2135 MAPLEWOOD AVE MONTREAL QUE	B A 2 AT 2877
MARIN ROBERTO 3557A SHUTER ST MONTREAL QUE	B A 2 LA 3779
MARKHAM BARBARA JOAN R V C 130 AMELIA ST CORNWALL ONT	B F A 1 UN 0896
MARKHAM ROBERT A 2057 DORCHESTER ST W MTL 139 MOUNT VERNON ST FITCHBURG MASS U S A	B SC 2 WE 5956
MARKS NORMA ISOBEL 87 SUNNYSIDE AVE WESTMOUNT QUE	B A 4 DE 7823
MARKSON DORIS MANON 44 ABERDEEN AVE WESTMOUNT QUE	B A 3 WI 6939
MARKUS ARTHUR JOSEPH 5581 BEAMINSTER PLACE MONTREAL QUE	MD CM 3 EX 6426
MARLER GEORGE ERIC 1559 McGREGOR ST MONTREAL QUE	B A 3 FI 7145
MARLER PETER 3778 COTE DES NEIGES RD MONTREAL QUE	M SC 1 FI 7045
MAROULIS GEORGE 2290 OLD ORCHARD AVE MONTREAL QUE	B COM 4 EL 1853
MARQUIS JOSEPH L Y 3501 ST FAMILLE ST MONTREAL QUE	B ENG 2 PL 7473
MARSDEN DONALD ARTHUR 2155 PAPINEAU AVE VILLE JACQUE CARTIER QUE 2A ETHEL ST PORT OF SPAIN TRINIDAD B W I	B SC 2
MARSH HENRY WALLACE 382 1ST AVE VILLE LA SALLE GRAND MERE QUE	B SC 4
MARSHALL DORIS R S 3545 UNIVERSITY ST APT 4 MONTREAL QUE	B A 3 PL 1576
MARSHALL HUGH GRIGG 4816 CEDAR CRESCENT MONTREAL QUE	B ENG MCH 5 AT 5888
MARSHALL JUDITH ANNE 663 MURRAY HILL AVE WESTMOUNT QUE	B A 4 EL 0849
MARSHALL ROBERT E DOUGLAS HALL 1130 W 13TH ST VANCOUVER B C	MD CM 3
MARSHALL ROBERT W 475 PINE AVE W MTL 113 1ST AVE W NORTH BAY ONT	B A 4
MARSTON RICHARD B G P O H MONTREAL 25 QUE	B A 2 PL 5720
MARTEL WILLIAM L 5432 ESPLANADE AVE MONTREAL QUE	B ENG CH 4 DO 7882
MARTIAL JEAN ALBERT 558 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B C L 3 EX 8036
MARTIN ANDREW BROWN 435 GREEN ST ST LAMBERT QUE	B SC P E 4
MARTIN BRUCE EARLE 4675 GROSVENOR AVE MONTREAL QUE	B SC 3 EL 2020
MARTIN CAROL ANN MACDONALD COLLEGE HUNTINGDON QUE	B SC H EC 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MARTIN ELIZABETH A MACDONALD COLLEGE 6161 SHERBROOKE ST W MONTREAL 28 QUE	TCH INT 2
MARTIN ELIZABETH J MACDONALD COLLEGE 435 GREEN ST ST LAMBERT QUE	B SC H EC 2
MARTIN FERNAND 184 ST LOUIS ST ST JOSEPH ST HYACINTHE QUE	B A 3
MARTIN JOHN AVERY T 21 CURZON ST MONTREAL WEST QUE	B COM 4 EL 0743
MARTIN JOHN PATRICK 4689 WESTMOUNT AVE WESTMOUNT QUE	B A 1 EL 3531
MARTIN JOHN WARKNEH 3995 MAPLEWOOD AVE APT 2 MONTREAL QUE	MD CM 1 Ex 8693
MARTIN LAURENT 3444 DUROCHER ST MTL 75 BELVEDERE ST S SHERBROOKE QUE	B COM 1
MARTIN ROGER EDGAR 5315 QUEEN MARY RD APT D MONTREAL QUE	B ENG CI 5 EL 2086
MARTIN SAUL A 4648 ESPLANADE AVE MONTREAL 14 QUE	B A 2 HA 4096
MARTIN STUART M 3445 PEEL ST MTL 157 STRATHCONA AVE N HAMILTON ONT	B ARCH 4 HA 9467
MARTIN WILLIAM M 6728 14TH AVE MONTREAL QUE	PH D 4 GR 4723
MARTINEAU REAL MACDONALD COLLEGE ST APOLLINAIRE CO LOTBINIERE QUE	M SC 1
MARTINELLO SYLVIA E R V C 3 TAIN STREET SYDNEY N S	B SC P E 3 UN 0207
MARTINEZ ANA BEATRIZ R V C CALLE 52 9 70 BOGOTA COLOMBIA SOUTH AMERICA	B F A 1
MARTINEZ FRANK J MACDONALD COLLEGE 3 ST CLAIR AVE PORT OF SPAIN TRINIDAD B W I	AGR DIP 2
MARULANDA PABLO 65 ARLINGTON AVE WESTMT AVENIDA COLOMBIA NO 2A52 CALI COLOMBIA S A	B ARCH 2 DE 0330
MARWOOD BETTY M 139 PERCIVAL AVE MTL W 30 BAY ST PARRY SOUND ONT	M S W 1 DE 9401
MASKELL JAMES 5305 WELLINGTON ST VERDUN QUE	B ENG MCH 5 HE 7882
MASON DOUGLAS DAVID 2189 CLIFTON AVE N D G MONTREAL QUE	B ENG CH 5 WA 8944
MASON KATHRYN HARRIS 4100 COTE DES NEIGES RD MONTREAL QUE	B A 4 FI 1814
MASON WILLIAM E H 4100 COTE DES NEIGES APT 6 MONTREAL QUE	MD CM 4 FI 1814
MASSICOTTE GEORGES MACDONALD COLLEGE 1000 110ST SHAWINIGAN SOUTH QUE	B SC AGR 2
MASSON EDWARD DAVID 4535 PRINCE OF WALES AVE N D G MONTREAL QUE	B ENG 2 EL 2039
MASSON MICHEL 817 DUNLOP AVE OUTREMONT QUE	B A 4 Ex 9590
MASSON PETER CHARLES MACDONALD COLLEGE 569 STANSTEAD AVE TOWN OF MOUNT ROYAL QUE	B SC AGR 1 AT 3304
MASTERMAN MARILYN M 3435 MOUNTAIN ST MTL 27 IMPERIAL ST OTTAWA ONT	M A 1 MA 6933
MASTERS LLOYD HERMAN WILSON HALL 97 MAPLE AVE SHAWINIGAN FALLS QUE	B SC 3 MA 9179
MASTIN CATHERINE ANN R V C MANITOWANIWA ONT	B A 2
MASTRIANNI ANTHONY F 3439 SHUTER ST MTL 131 N SECOND AVE MECHANICVILLE N Y U S A	MD CM 1 BE 0017
MATHER DEREK H 345 BALLANTYNE AVE MONTREAL WEST QUE	B COM 1 EL 4444
MATHER GRAEME K 345 BALLANTYNE AVE N MONTREAL WEST QUE	L MUS 2
MATHER JANE MAYNARD 1227 SHERBROOKE ST W MONTREAL QUE	B A 3 MA 3173
MATHEWS AMY BLISS 33 THORNHILL AVE WESTMOUNT QUE	B SC P E 3 FI 5260
MATHEWSON WILLIAM W 544 BERWICK AVE TOWN OF MOUNT ROYAL QUE	B SC 1 AT 3482
3255 RIDGEWOOD AVE APT 1	AT 1867
MATHISON JAMES F MONTREAL QUE	PH D 5
MATSUBUCHI RUTH L 4332 ST CATHERINE ST W WESTMOUNT QUE	B SC 1 WE 3823
MATSUSAKI HISASHI 17 MELBOURNE AVE MT 106 WELLINGTON ST N HAMILTON ONT	B SC 3 FI 7844
MATTE MADELEINE R R V C 283 SOMERSET W OTTAWA ONT	B F A 4 UN 0038
MATTE RICHARD PAUL 1926 LINCOLN ST MTL 283 SOMERSET ST W APT 8 OTTAWA ONT	B ENG 2 WE 0489
MATTHEW VALERIE ANNE 4715 WESTMOUNT BLVD WESTMOUNT QUE	B A 4 DE 5131
MATTHEWS COLLEEN M 2315 KINGSTON AVE MONTREAL QUE	B A 4 DE 1506
MATTHEWS GEORGE E 2325 BEACONSFIELD AVE N D G MONTREAL QUE 43 ARRAN ST CAMPBELLTON N B	B ENG EL 5 DE 7161
MATTHEWS JOHN S 510 LAKESHORE RD BEAUREPAIRE QUE	B SC AGR 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MATTHEWS PAUL DEACON 3633 OXENDEN AVE 231 PARK RD OTTAWA ONT	B COM 3 LA 6896
MATTHEWS RICHARD D 57 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B COM 4 AT 4144
MATTHEWS RONALD S 770 HARTLAND AVE OUTREMONT QUE	B ARCH 2 AT 8844
MATTHEWS ROMA Y 2315 KINGSTON AVE N D G MONTREAL QUE	B A 3 DE 1506
MATTHEWS THOMAS 1070 EGAN AVE VERDUN QUE	M SC 1 TR 8985
MATTINSON CYRIL R 1427 PIERCE ST MTL 9 ROBIE ST AMHERST N S	M SC 1 FI 4920
MATUSZKO ANTHONY 417 PRINCE ARTHUR ST W MONTREAL QUE 116 STOCKBRIDGE ST AMHERST MASS U S A	PH D 2 MA 9038
MATZKO ALEXANDER 1440 ST DOMINIQUE ST MONTREAL QUE	MD CM 4
MATZKO PETER 1440 ST DOMINIQUE ST MONTREAL 18 QUE	B SC 1
MAU NICHOLAS WILSON HALL 2170 ST JOSEPH ST ST HYACINTHE QUE	B ENG MCH 3
MAUER IRVING 3485 CITY HALL AVE MONTREAL 18 QUE	M SC 2 LA 7712
MAUGHAM EDGAR LEWIS 7797 OUTREMONT AVE PARK EXTENSION MTL QUE	B C L 1 CR 6413
MAUGHAN JOHN FREDRICK 545 PRINCE ALBERT AVE WESTMOUNT QUE	B COM 2 DE 5343
MAVROYANNIS BASIE P 1441 DRUMMOND ST MTL 13 MOUSTOXIDON ST ATHENS GREECE	B ENG 1
MAW ROBERT GORDON 4401 GIROUARD AVE N D G MONTREAL QUE	B SC 4 WA 4083
MAX MORRIS 5820 10TH AVE ROSEMOUNT MONTREAL QUE	B ENG MCH 4 CH 9330
MAXWELL BARBARA E MACDONALD COLLEGE SHAWBRIDGE QUE	TCH KIND 1
MAXWELL DOREEN E 3638 DUROCHER ST APT 3 MONTREAL QUE 294 GILMOUR ST OTTAWA ONT	PH D 2 BE 9536
MAY LYMAN ALBERT THEOLOGICAL COLLEGE STANSTEAD QUE	B SC 2 HA 4873
MAY SYDNEY JOSEPH D 5125 NINTH AVE APT 5 ROSEMOUNT QUE	M COM 1
MAY WILLIAM LOREN 645 PRINCE ARTHUR ST W MONTREAL QUE	MD CM 3 MA 4696
MAYERS ALEXANDER 778 DAVAAR AVE OUTREMONT QUE	B ARCH 4 DO 4335
MAYO JOYCE ESTHER MACDONALD COLLEGE RENFORTH KINGS CO N B	B SC H EC 2
MAYOTTE HUBERT J 2695 BARCLAY AVE APT 5 MOUNT ROYAL QUE	B ENG 1
MAZER HILDA 774 WISEMAN AVE OUTREMONT QUE	B A 3 CA 9995
MAZER LILLIE SHERNA 774 WISEMAN AVE OUTREMONT QUE	B COM 1 CA 9995
MAZER NICKOLAS LEO 3485 MCTAVISH ST TML RAMA SASK	D D S 1
MEADLEY REGINALD F 7214 BIRNAM AVE MTL R R 1 PORT STANLEY ONT	B ENG CI 3 CA 3549
MEADOWCROFT JAMES W 536 COTE ST ANTOINE RD WESTMOUNT QUE	M A 2 EL 5546
MEEKS CHARLES WILLIAM 542 SHERBROOKE ST W MTL 11 NORMAN RD KINGSTON JAMAICA B W I	B SC 2 BE 0318
MELER FRANK 3410 MONTCLAIR AVE APT 16 N D G MONTREAL	B ENG AM 5 EL 5526
MEIKLE BRIAN KEITH CHATEAUGUAY HEIGHTS QUE	B ENG CH 3
MEISSNER GEORGE FELIX TUFTS COLLEGE MED SCHOOL DEPT OF PATHOLOGY BOSTON MASS U S A	M SC 2
MELAMED LOUIS 861 STUART AVE APT 2 OUTREMONT QUE	B ENG CI 5 VI 5829
MELETUPOULOS ALEX 3601 UNIVERSITY ST MTL SOLONOS 10 ATHENS GREECE	B ENG 3
MELETOPOULOS ALEK N 3668 DUROCHER ST APT 3 MONTREAL QUE 22A KARNEADOU ATHENS GREECE	M ENG 2 LA 2305
MELO CORTAZAR ALVARO 421 PRINCE ARTHUR ST W MONTREAL QUE CALLE 67 NO 16 23 BOGOTA COLOMBIA S A	B ENG CI 3 HA 1503
MELLO ALBERT 7225 BERNARD AVE MTL 56 CAPITOL ST NEW BEDFORD MASS U S A	B SC 2 DO 9225
MELTON IRENE ROSLYN 815 DE L EPEE AVE OUTREMONT P QUE	B COM 1 DO 8353
MELVILLE ENID L 4937 CIRCLE RD MONTREAL QUE	B A 1 EL 4200
MELZACK RONALD 417 ST JOSEPH BLVD W OUTREMONT QUE	M SC 1 DO 4917
MELZAK ZDZISLAW A 3904 CLARK ST MONTREAL QUE	M SC 1 BE 7841
MENARD DONALD JOSEPH 3615 DUROCHER ST MTL 10 CEDAR ST SOUTH TIMMINS ONT	B SC P E 2 BE 6977
MENDEL JOSEPH 4534 HARVARD AVE N D G MONTREAL QUE	B COM 1 DE 0891

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MENDELSSOHN ESTELLE 5210 PONSARD AVE MONTREAL QUE	PHYSIOTH 2 DE 1608
MENDELSON JOSEPH A 5549 QUEEN MARY RD APT 5 MONTREAL 29 QUE	B C L 3
MENDELSON MYER R V H 65 STEADMAN ST MONCTON N B	MED DIPL 1
MENDELSSOHN JOSEPH 5210 PONSARD AVE N D G MONTREAL QUE	B COM 4 DE 1608
MENDELZYS MICHAEL 5870 CLANRANALD AVE MONTREAL QUE	B COM 1 AT 7019
MENG MAURICE 2421 BENNY AVE N D G MTL 2 SOUTH PARK DRIVE BLACKPOOL ENGLAND	MD CM 4
MENKES RENE 4592 WILSON AVE N D G MONTREAL QUE	B ARCH 2 DE 6211
MERCIER CECILE 9451 ROUTHIER ST MONTREAL QUE	PARTIAL 0 VE 2683
MEREDITH CHARLES E 840 HARTLAND AVE 66 ORANGE ST SAINT JOHN N B	MD CM 4 AT 1995
MERGL JOSEPH PAUL 3485 MCTAVISH ST MTL 1084 CORYDON AVE WINNIPEG MAN	D D S 1
MERGLER LEO 4885 COTE ST CATHERINE MONTREAL QUE	MED DIPL 1 EX 6131
MERIE JOSEPHINE N 253 WOODLAND AVE VERDUN QUE	MD CM 2 HE 6802
MERLING SHELDON S 2800 ST CATHERINE RD MONTREAL QUE	B A 2 AT 9755
MERRIAM ALEXANDER C 7979 CHAMPAGNEUR AVE MTL NEW WATERFORD N S	B ENG CH 4 VI 6341
MERRITT DONALD T MACDONALD COLLEGE GRAND FALLS N B	B SC AGR 2
MERROW ADIN RALPH 3564 SHUTER ST MTL 176 N FRANKLIN ST NYACK N Y U S A	MD CM 2
MERYN MARGARET M 3424 DRUMMOND ST MTL 1715 18TH ST WASHINGTON D C U S A	B A 4 LA 8835
MESSENGER CAROL MACDONALD COLLEGE 494 VICTORIA AVE WESTMOUNT QUE	B SC H EC 3
MESSIER GILLES R 503 CHERRIER ST APT 9 MONTREAL QUE	B COM 4 HA 5675
MESSINGER MARION JOY 271 ST CATHERINE RD OUTREMONT QUE	B A 2 CR 5929
METCALFFE ALEXANDER MACDONALD COLLEGE 48 JOYCE ST OUTREMONT QUE	B SC AGR 4
METRAKOS JAMES G 3535 ST FAMILLE ST MONTREAL QUE	B COM 2 PL 5826
METRAKOS JOHN GEORGE 3535 ST FAMILLE ST MONTREAL QUE	B ENG 2 PL 5826
METRAKOS JULIUS D 4010 COTE ST CATHERINE APT 2 MONTREAL QUE	PH D 3 AT 9986
METRO STEPHEN J 417 PRINCE ARTHUR ST W MONTREAL QUE 309 LEHMAN ST LEBANON PENN U S A	PH D 3 MA 9038
MEYER PERRY 5031 GROSVENOR AVE MONTREAL QUE	B C L 2 AT 8944
MEYER SOREL JOAN 5031 GROSVENOR AVE MONTREAL QUE	B A 1 AT 8944
MEZEI LESLIE 733 HARTLAND AVE OUTREMONT QUE	B SC 2 AT 1612
MEZEI LOUIS 4202 VAN HORNE AVE MONTREAL QUE	B SC 3 AT 6940
MICHALYSHYN BOHDAN 1245 REDPATH CRESC MTL 9344 103A AVE EDMONTON ALTA	MED DIPL 5 HA 0950
MICHAUD CHARLES E 3609 UNIVERSITY ST MTL 157 VICTORIA ST EDMUNDSTON N B	MD CM 4 LA 6307
MICHON ANDRE CLAUDE 822 DESMARCHAIS BLVD VERDUN QUE	B COM 3 HE 7701
MIDWINTER CHARLES C 3429 PEEL ST MTL 318 13TH ST S LETHBRIDGE ALTA	B ENG EL 4 PL 7385
MIERZWINSKI ALEXANDER 2163 MONTGOMERY MONTREAL QUE	B C L 1 CH 9182
MIGLIACCIO LORETTA A R V C 198 BROADWAY PROVIDENCE R I U S A	B A 4
MIGNAULT ROBERT DUVAL 4350 DECARIE BLVD N D G MONTREAL QUE	B ENG EL 5 EL 2809
MIHALIK JULIUS JOHN 1126 UNION AVE MTL 37 REDCLIFFE GDNS LONDON S W 10 ENG	B A 2 LA 6610
MIKALACHKI MILEVOY 3999 ST DOMINIQUE ST MONTREAL QUE	B ENG 2
MIKELBERG HENRY 4842 ST URBAIN ST MONTREAL QUE	D D S 1 TA 5676
MIKULEC JOHN 4172 GIROUARD AVE N D G MONTREAL QUE	B ENG MCH 4 DE 6026
MILBURN LEWIS HUGH 8965 CHATEAUBRIAND ST MONTREAL QUE 269 LONDON ST E WINDSOR ONT	B SC 4 VE 4185
MILBURN RONALD A 25 LAKE AVE STRATHMORE QUE	B ENG 2
MILDON DENIS FRANCIS 5195 CONNAUGHT AVE N D G MONTREAL QUE	B D 3 EL 6329
MILES VERNON JOSEPH MACDONALD COLLEGE 52 MARLOWE CR OTTAWA ONT	B SC AGR 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MILETICS TIBOR M 3423 DE BULLION ST MONTREAL QUE	B ENG 2 LA 6076
MILFORD GEORGE NOEL 1562 PINE AVE W MTL LIVERPOOL NOVA SCOTIA	PH D 2 FI 0571
MILL FRANK THOMAS H 294 SHERBROOKE ST W RM 2 MONTREAL QUE 35 PARK ST MONCTON N B	B ARCH 2 LA 0714
MILLAR BEVERLY HELEN 4970 DORNAL AVE MONTREAL QUE	PHYSIOTH 1 EX 2389
MILLAR ERIC PETER 95 EASTON AVE MONTREAL WEST QUE	B SC 2 DE 1309
MILLAR HUNTLY D 3360 RIDGEWOOD AVE APT 10 MONTREAL QUE	B SC 4 EX 7904
MILLAR THOMAS PALMER 521 PRINCE ARTHUR MTL 3581 WEST BROADWAY APT 3 VANCOUVER B C	MD CM 4 HA 1839
MILLER ALEXANDER 1 ELLERDALE RD APT 19 HAMPSTEAD QUE	MED DIPL 3 WI 7640
MILLER ALICE 4669 PARK AVE APT 12 MTL 283 BURROWS AVE WINNIPEG MAN	B S W 1 UN 2149
MILLER ARCHIBALD M 1210 PINE AVE W MTL 78 SEVENTH ST SHAWINIGAN FALLS QUE	B A 4 HA 0098
MILLER DORA 4507 MELROSE AVE N D G MONTREAL QUE	B A 3 EL 8345
MILLER HUGH S DOUGLAS HALL 7061 CYPRESS ST VANCOUVER B C	MD CM 3 BE 7205
MILLER IRVING W 5193 DUROCHER AVE OUTREMONT QUE	B C L 1 CR 6571
MILLER JAMES BERNARD 551 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B COM 2
MILLER JOSEPH TELES 3653 UNIVERSITY ST MTL 1342 12TH ST HICKORY N C U S A	MD CM 4 PL 2073
MILLER MAIDA 1210 LAJOIE AVE OUTREMONT QUE	B A 3 CR 4581
MILLER MALCOLM H PRESBYTERIAN COLLEGE 14 SUMMIT AVE SALEM MASS U S A	B A 1 BE 0424
MILLER MORLEY BERNARD 5281 PONSARD AVE MONTREAL QUE	B COM 4
MILLER MORRIS 6220 DE VIMY ST MONTREAL QUE	PH D 2 EX. 3827
MILLER RALPH PALMER DOUGLAS HALL 240 UNIVERSITY AVE FREDERICTON N B	MD CM 2 UN 0027
MILLER ROBERT MELVIN 4865 COTE ST CATHERINE MONTREAL QUE	B S W 1 EX 6551
MILLER SAUL 4586 KENSINGTON AVE MONTREAL QUE	MED DIPL 4 WA 7869
MILLER WALTER DOUGLAS 4490 RIDGEVALE AVE MONTREAL QUE	MED DIPL 3 EX 4379
MILLER WILLIAM M 1210 PINE AVE W MTL 78 7TH ST SHAWINGAN FALLS QUE	B COM 4 HA 0098
MILLINCHAMP CLAIRE L 21 PERREAULT AVE STE ANNE DE BELLEVUE QUE	B SC H EC 1
MILLS ALICE CATHERINE 2070 UNION AVE APT 6 MTL 14 MELROSE AVE YORKTON SASK	B N 2
MILLS CATHERINE L 481 PRINCE ARTHUR ST MONTREAL QUE	B SC 4 LA 9489
MILLS DANIEL ARTHUR 481 PRINCE ARTHUR ST MTL 189 EVERETT ST WOLLASTON MASS U S A	GRAD QUAL 1 PL 0320
MILLS DOUGLAS KEITH 481 PRINCE ARTHUR ST MTL 720 COOPER ST OTTAWA ONT	B SC 3 LA 9489
MILLS JEAN ANGELL R V C 412 TILDEN RD EGYPT MASS U S A	B F A 2 UN 0019
MILLS JOHN ALEXANDER 567 GROSVENOR AVE WESTMOUNT QUE	MD CM 1 EL 8403
MILLS LEONARD ARTHUR 3609 UNIVERSITY ST MTL BOX 4 NORMETAL QUE	B ENG MET 4 LA 6307
MILLS MURIEL JEAN R V C BOX 777 PERTH ONT	B SC P E 3 UN 0038
MILLS ROBERT HUGH 3546 LORNE AVE MONTREAL QUE	PH D 3 MA 0173
MILNE GEORGE HECTOR 5371 COOLBROOKE AVE MTL 120 ALMONT AVE NEW GLASGOW NOVA SCOTIA	B ENG MCH 3 WA 8329
MILNE IAN GEORGE 6140 COTE ST LUC RD APT 7 MONTREAL QUE	MED DIPL 1 WA 2843
MILNE KENNETH M 94A O BRIEN BLVD VILLE ST LAURENT QUE	B ENG 2 BY 8931
MILNE KEVIN CAREY 3563 PARK AVE MTL 3 ST GEORGE ST DONNACONA QUE	B ENG CH 4 PL 3887
MILNE LORNE FREDERICK 25 CONDOVER RD POINTE CLAIRE QUE	B A 3
MILNER BRENDA A 2525 VAN HORNE AVE APT 10 MONTREAL QUE	PH D 3 EX 5671
MILNER PETER MARSHALL 2525 VAN HORNE AVE APT 10 MONTREAL QUE	PH D 2 EX 5671
MINDLIN ALLAN IRWIN 382 ST CATHERINE RD OUTREMONT QUE	B SC 2 TA 2821
MINDLIN IVAN 382 ST CATHERINE RD OUTREMONT QUE	B SC 4 TA 2821
MINEAU PAUL ANDRE 6340 ST VALLIER ST MONTREAL 10 QUE	B COM 4 CR 4747

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MINEAU RICHARD 6340 ST VALLIER ST MONTREAL QUE	M COM 1 CR 4747
MINGIE JOAN ELIZABETH 5717 MONKLAND AVE MONTREAL QUE	B SC P E 4 EL 2923
MINGIE PETER GEORGE 5717 MONKLAND AVE N D G MONTREAL QUE	B A 3 EL 2923
MIQUELON JEAN R 1075 MT ROYAL BLVD OUTREMONT QUE ★60	B C L 2 TA 3962
MITCHELL DIANA L 1583 PINE AVE W MONTREAL QUE	L MUS 3 WI 7324
MITCHELL HELEN L MACDONALD COLLEGE 2330 BEACONSFIELD AVE N D G MONTREAL 28 QUE	TCH KIND 3
MITCHELL JOAN LOUISE 5 LASALLE RD LACHINE QUE	B SC 1
MITCHELL KINA MARIE 490 PRINCE ARTHUR ST MONTREAL QUE	M A 2 LA 1997
MITCHELL MARGARET ANN 4845 COTE ST CATHERINE APT 18 MONTREAL QUE	PARTIAL 0 EX 8237
MITCHELL PHILIP ALAN 834 STRATHEARN AVE MONTREAL WEST QUE	B SC 1 WA 1787
MITCHENER JAMES W 3581 UNIVERSITY ST MTL 78 EAST 17TH AVE VANCOUVER B C	B SC 3 MA 3842
MITMAKER BENJAMIN 4943 LACOMBE AVE MONTREAL QUE	B SC 4 AT 1303
MIZUHARA DOROTHY K 1075 ALLARD AVE VERDUN QUE	B N 2 TR 3252
MLODUCHOWSKI ROBERT 2105 CITY COUNCILLORS ST MONTREAL QUE 256 ST HUBERT ST GRANBY QUE	B ENG PHY 4 MA 5554
MLYNARYK PETER 4003 ST URBAIN ST MONTREAL QUE	B SC 2 UN 3047
MOELLER MARIAN C 900 SHERBROOKE ST W APT 103 MONTREAL QUE	B SC 2
MOEN HARALD PAUL 3665 PARK AVE MTL BOX 190 VISCOUNT SASK	M SC 1 LA 9864
MOFFAT WILLIAM W DOUGLAS HALL R R 1 PORT COLBORNE ONT	MD CM 2
MOFFATT ANN DIXON MACDONALD COLLEGE 3733 WESTMOUNT BLVD WESTMOUNT QUE	HOMEMAKER 1
MOFFATT PETER R 3854 MENTANA ST MONTREAL QUE	B ENG EL 3 FR 8132
MOFFET ETHEL MARION MACDONALD COLLEGE 403 GLADSTONE AVE OTTAWA ONT	B SC H EC 2
MOFFETT JOAN IVORY MACDONALD COLLEGE 4840 ROSLYN AVE MONTREAL QUE	TCH KIND 1
MOFFITT ROBERT J 706 ROSLYN AVE MONTREAL QUE	B COM 1 DE 7938
MOGILESKY ARTHUR 253 VILLENEUVE ST W MONTREAL QUE	B ARCH 5 CR 0047
MOHID MOHAMED Z WILSON HALL BOX 63 SAN NICHOLAS CURACAO N A	B A 4 UN 0286
MOHR MARIE LOUISE R V C MAZATENANGO GUATEMALA C A	B A 1 UN 0019
MOIDELL BRUCE ERIC 8 PAGNUELO AVE OUTREMONT QUE	B A 1 DO 4242
MOISAN CLAUDE M 3445 STANLEY ST APT 5 MONTREAL QUE	B COM 1 WA 5096
MOLINA JOSE CONSULATE OF EL SALVADOR 1500 ST CATHERINE ST MTL SANTA ANA EL SALVADOR C A	B ENG CI 5
MOLL HARRY EDWARD MACDONALD COLLEGE 4101 CAVENDISH AVE APT 13 N D G MONTREAL	AGR DIP 2
MOLLER FRANK 112 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B SC U P E 2 AT 1088
MOLLER PAUL 112 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B ENG CI 5 AT 1088
MOLSON CHARLES ROBIN 55 BELVEDERE CIRCLE WESTMOUNT QUE	B A 4 FI 2335
MOLSON DAVID HOBART 3485 MCTAVISH ST MTL 925 FOUL BAY RD VICTORIA B C	B ARCH 5
MOLSON ELIZABETH A R V C 925 FOUL BAY RD VICTORIA B C	B A 1
MOLSON VERITY 55 BELVEDERE CIRCLE WESTMOUNT QUE	B A 2 FI 2335
MONAHAN GEORGE F 3615 UNIVERSITY ST MTL 10 GERRY AVE SO PORTLAND ME U S A	MD CM 3
MONARQUE JEAN PAUL 4075 PAPINEAU AVE MONTREAL QUE	B ENG CH 5 AM 4170
MONCUR MARGARET N MACDONALD COLLEGE ALMONTE ONT	B SC H EC 4
MONDEY HELEN AUDREY MACDONALD COLLEGE 5129 WESTERN AVE N D G MONTREAL QUE	TCH INT 2
MONKMAN PATRICK MACDONALD COLLEGE 4657 MELROSE AVE N D G MONTREAL QUE	AGR DIP 2
MONROE KENNETH ELY 484 PRINCE ARTHUR W MTL 123 DEAN ROAD BROOKLINE 46 MASS U S A	MD CM 4 BE 7230
MONTAGNON NOEL B 4575 RIDGEVALE AVE APT 1 MONTREAL QUE PAINTED HORSE RANCH VAVENBY B C	M ENG 1 EX 6683

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MONTCALM YVAN 538 PRINCE ARTHUR ST W MONTREAL QUE 2425 5TH AVE THREE RIVERS QUE	B ENG EL 5 PL 6039
MONTGOMERY JEAN H R V C P O BOX 659 EDMUNDSTON N B	B SC 3 UN 0069
MOONEY MONICA ROYAL VICTORIA COLLEGE 167 PARADISE ROW ST JOHN N B	D D S 4 UN 0088
MOODY ELIZABETH R R V C BOX 11 LOT 78 ST NORBERT MAN	PHYSIOTH 3 UN 0088
MOORE GERALDINE E MACDONALD COLLEGE 56 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	HOMEMAKER 1
MOODY MARI LYNNE J R V C 90 MELROSE AVE TORONTO 12 ONT	B SC 1
MOORE HARRY ERNEST MACDONALD COLLEGE 228 PERCIVAL AVE MONTREAL WEST QUE	B SC AGR 4
MOORE HAZEL PEARL 3469 REDPATH AVE MTL 10560 83RD AVE EDMONTON ALTA	B L S 1
MOORE JOHN ALEXANDER 3445 PEEL ST MTL R R 1 CHARLOTTETOWN P E I	B ENG CI 4 HA 9462
MOORE LOUIS AVARD 93 SELBY ST WESTMOUNT QUE	B ENG EL 5 WI 8673
MOORE RALPH MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 1
MOORE THOMAS HOWARD 12 AMES BURY AVE APT 82 MONTREAL QUE	M SC 1 FI 1967
MORAN C LEO 495 PRINCE ARTHUR APT 3 MONTREAL QUE	D D S 2 BE 6912
MORANVILLE ROGER 6595 DES ECORES ST MONTREAL 36 QUE	B ARCH 5 VI 4445
MORCH JOHN EDWARD 484 PRINCE ARTHUR ST W MONTREAL QUE BOX 227 BELLEVILLE ONT	B SC 2 BE 7230
MOREAU JOSEPH HUBERT 5705 16TH AVE ROSEMOUNT QUE	D D S 2
MORELAND CHARLES R MACDONALD COLLEGE 60 FULTON AVE OTTAWA ONT	B SC AGR 4
MORENCY JEAN CHARLES 857 CHARLEVOIX ST POINT ST CHARLES QUE	B COM 2 WI 8500
MORESIDE JOHN LESTER DOUGLAS HALL BOX 148 STRASBOURG SASK	D D S 3
MORFITT DERRICK C THEOLOGICAL COLLEGE ROYAL BANK WATROUS SASK	B ENG EL 5 UN 0169
MORGAN DAVID KENNETH DOUGLAS HALL MAENDY HOUSE MAENDY COWBRIDGE GLAM WALES	B COM 4 PL 5790
MORGAN DAVID REES WILSON HALL CHAMPION REEF FGFMYSORE STATE S INDIA	B SC 1
MORGAN JAMES STUART 1 SUMMERHILL TERRACE MONTREAL 25 QUE	B ENG PHY 3
MORGAN JANET H H MACDONALD COLLEGE BOX 8 ARUNDEL QUE	TCH INT 2
MORGAN JOHN DINHIM 46 SUNNYSIDE AVE WESTMOUNT QUE	B COM 3
MORGAN KENNETH A 135 HASTINGS AVE TORONTO ONT	M SC 1
MORGAN LEONARD I 1580 OUIMET APT 24 ST LAURENT QUE 962 MANAWAGONISH RD FAIRVILLE N B	MD CM 2
MORGAN ROBERT IVAN 2174 LINCOLN AVE MTL STEYNING CRANLEIGH SURREY ENGLAND	B ENG CI 4
MORGENSTERN GERT F 4792 VICTORIA AVE MONTREAL 6 QUE	B SC 1
MORHAM WALTER H 41 ARGYLE AVE ST LAMBERT QUE	B A 3
MORIN JACQUES YVAN 335 WISEMAN AVE OUTREMONT MTL 8 QUE	B C L 2 DO 4874
MORIN JEAN GUY 3165 BARCLAY AVE APT 5 MONTREAL QUE	B COM 1 EX 7551
MORIN RENE JACQUES 4334 OLD ORCHARD AVE N D G MONTREAL QUE	B A 4 DE 9641
MOROSAN EUGENE MACDONALD COLLEGE 5872 1ST AVE ROSEMOUNT QUE	TCH ELEM 1
MORRIS DANIEL 3805 DUPUIS AVE APT 3 MONTREAL QUE	B C L 2 EX 7541
MORRIS BEVERLEY JUNE MACDONALD COLLEGE 4412 WILSON AVE N D G MONTREAL QUE	TCH INT 1
MORRIS HENRY CAMPBELL 3545 GIROUARD AVE N D G MONTREAL QUE	B ENG EL 4 DE 2457
MORRIS NORMAN SPENCER 405 BEATTY AVE VERDUN 19 QUE	B SC 4 TR 0776
MORRIS RUTH K 574 STANSTEAD AVE TOWN OF MOUNT ROYAL QUE	M S W 2
MORRIS SAUL 11 AINSLIE AVE OUTREMONT QUE	B A 1 TA 9696
MORRIS SOPHIE ADELE MACDONALD COLLEGE 3545 GIROUARD AVE MONTREAL 28 QUE	B SC H EC 1
MORRISH BARBARA JOAN MACDONALD COLLEGE 8925 112TH ST EDMONTON ALTA	GR N CERT 1

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MORRISON ALVIN R 226 PERCIVAL AVE MONTREAL WEST QUE	B ENG 1 EL 4359
MORRISON G ROLFE 5951 MOLSON AVE ROSEMOUNT QUE	B COM 2 CR 9488
MORRISON KENNETH D A 1 SHELL OIL REFINERY MONTREAL EAST QUE	B A 1
MORRISON KINGSLEY M 545 PINE AVE WEST MTL 5646 OCEAN VIEW DRIVE OAKLAND CALIF U S A	MD CM 4 MA 1545
MORRISON PATRICIA 2156 LINCOLN AVE MTL 750 BRUNSWICK ST FREDERICTON N B	M S W 2 FI 3254
MORRISON ROBERT NEIL DOUGLAS HALL P O BOX 252 LA TUQUE QUE	B ENG MCH 3
MORRISON RODERICK A 5993 DUROCHER AVE OUTREMONT QUE	B ENG 1 CR 2839
MORRISON RATHWELL C MACDONALD COLLEGE ARUNDEL QUE	AGR DIP 1
MORRISSEY WILLIAM J 395 KENSINGTON AVE MTL 170 LENOX AVE PITTSFIELD MASS U S A	WI 4R3xC 1 FI 4346
MORROW MARY MATILDA 354 ST JOSEPH BLVD W MONTREAL QUE	MD CM 4 TA 2385
MORSE NORMAN JOHNSON 3437 HARVARD AVE N D G MONTREAL QUE	D D S 4 DE 4946
MORSE WILLIAM INGLIS 25 REGINA TERRACE HALIFAX N S	MED DIPL 4
MORTIMER DAVID L S 5464 LAVOIE AVE MONTREAL QUE	B COM 1 EX 9059
MORTIMER MAUREEN J R V C 19 PARKWOOD AVE TORONTO ONT	B A 1 UN 0168
MORTIMER MADDOX JOAN R V C ST JAMES RECTORY GREAT BARRINGTON MASS	B A 3 UN 0097
MORTIN ADELE ROSALIND 490 PRINCE ARTHUR ST W APT 2 MONTREAL QUE 78 HILTON AVE TORONTO ONT	B A 4
MORTIN IRVING 490 PRINCE ARTHUR ST W MONTREAL QUE 1034 WILLOUGHBY AVE BROOKLYN N Y U S A	M S W 1
MORTLOCK JOAN ALICE MACDONALD COLLEGE 91 CLARENDON AVE OTTAWA ONT	B SC H EC 1
MORTON ERNEST R 4961 QUEEN MARY RD MONTREAL 29 QUE	M ENG 1 EX 0407
MORTON LIONEL CHARLES 3199 DE SERIGNY ST MONTREAL QUE	B COM 2 EX 3709
MORTON NANCY JEAN MACDONALD COLLEGE 10 ORMSBY CRESCENT TORONTO ONT	B SC H EC 2
MOSCOVITCH FANNY F 5035 ESPLANADE AVE MONTREAL 14 QUE	B F A 1 TA 1347
MOSHER JOHN PAGE 3592 UNIVERSITY ST MTL 86 MAPLE AVE SHAWINIGAN FALLS QUE	B ENG MCH 4 PL 2435
MOSHER PETER DOUGLAS 3592 UNIVERSITY ST MTL 86 MAPLE AVE SHAWINIGAN FALLS QUE	B ENG 1 PL 2435
MOSLEY MARGERY DOREEN 3469 REDPATH AVE MTL 1277 W KING EDWARD AVE VANCOUVER B C	B L S 1
MOSSMAN CAROLYN E 3575 PEEL ST APT 6 MTL ROSE BAY LUN CO NOVA SCOTIA	PH D 2 MA 8381
MOSSOP JOHN WILLIAM PRESBYTERIAN COLLEGE SOUTH LANCASTER ONT	B ENG 1
MOULDS GORDON MARS 3420 UNIVERSITY ST MTL JOFFRE AVE MCMASTERVILLE QUE	PH D 2
MOULDS ROBERT C MCMASTERVILLE QUE	B ENG CH 5
MOULTON WILLIAM H 1482 BISHOP ST MTL 2186 BYNG RD WINDSOR ONT	B ENG 2
MOUNT GORDON M 4375 KENSINGTON AVE N D G MONTREAL QUE	B ENG MCH 4 DE 3387
MOUNT JOAN ELEANOR 4670 CHRISTOPHE COLOMBE MONTREAL QUE	EDUCATION 5 FA 1470
MOURATIDES ANASTASIOS 1482 CLOSSE ST APT 12 MONTREAL QUE 75 YERBAL ST BUENOS AIRES ARGENTINA	B COM 1
MOUAT MARGARET M 539 PINE AVE W MTL GANGES B C	MD CM 3 LA 7628
MOWAT MARGARET P 4065 GREY AVE N D G MONTREAL QUE	A S COM 1 DE 3662
MOXLEY JOHN ELLIS MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE	M SC 2
MRAZIK PAUL JR 13 MACDONALD AVE VILLE ST LAURENT QUE	B ENG CI 3 BY 1464
MROZ HARRY 5132A CASGRAIN AVE MONTREAL QUE	B ENG 1 GR 5821
MUDRY WALTER 321 GENEVA CRESCENT TOWN OF MOUNT ROYAL QUE	B COM 4 AT 6625
MUELLER GEORGE V 4044 MARCIL AVE N D G MONTREAL QUE	B SC 4 DE 7332
MUIR WILLIAM GEORGE 4528 HINGSTON AVE N D G MONTREAL QUE	B COM 1 WA 3819
MUIR WILSON BURNETT 627 LANSDOWNE AVE WESTMOUNT 6 QUE	B SC 2 WA 6985
MUIRHEAD JOHN FRASER 3655 OXENDEN AVE MTL 87 U ST SALT LAKE CITY 3 UTAH	MD CM 1 MA 3014

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NAME ADDRESS	COURSE & YEAR TEL. NO.
MULHOLLAND MICHAEL J 747 CHAMPAGNEUR AVE OUTREMONT QUE	B SC 2 CR 9834
MULKINS DONALD MOTHAM 13 MAPLE AVENUE PORT COLBOURNE ONT	B ENG 2
MULLER ANNA THERESIA R V C C O ESCHAUZIER 419 ACACIA RD OTTAWA ONT	B A 4 UN 0296
MULLERBECK KARL 69 MONIDER AVE OUTREMONT QUE	B ENG CI 4
MULLIGAN GERALD A MACDONALD COLLEGE 235 ROCHESTER ST OTTAWA ONT	B SC AGR 3
MULLIGAN IVAN ARTHUR 1489 MOUNTAIN ST APT 19 MONTREAL QUE QUYON QUE	B A 3 LA 2611
MULLOY WILLIAM H ★62 545 PINE AVE W MTL 1325 FRONTENAC AVE CALGARY ALTA	MD CM 3 MA 1545
MULVEY ROLAND HUGH MACDONALD COLLEGE METCALFE ONT	B SC AGR 4
MUNCEY BERNADETTE J MACDONALD COLLEGE RIVERSEND CO LAKE ST JOHN QUE	TCH ELEM 1
MUNDEN EARL WILLIAM 469 ASH AVE MONTREAL QUE	B SC 2
MUNHOLLAND RALPH J 4645 GRAND BLVD APT 9 N D G MONTREAL QUE	MD CM 3
MUNRO DAVID JOHN 36 DOBIE AVE TOWN OF MOUNT ROYAL QUE	D D S 3 AT 0456
MURDOCK JAMES DAVID 1246 BROWN BLVD VERDUN QUE	PH D 2 TR 4144
MUNRO ELIZABETH ANNE 779 UPPER BELMONT WESTMOUNT QUE	B SC 2 EL 4755
MUNRO ROBERT LEWIS 779 UPPER BELMONT AVE WESTMOUNT QUE	B C L 3 EL 4755
MUNRO VIVIAN ROY R V C	M A 1 UN 0118
MURCH DENNIS 2084 TRENHOLME AVE APT 7 MONTREAL QUE	B COM 4
MURDOCH CHARLES H 2287 OLD ORCHARD AVE APT 24 N D G MONTREAL QU	B ENG MCH 5
MURDOCH DONALD MILTON 618 PINE AVE ST LAMBERT QUE	B ENG EL 3
MURDOCK GEORGE ALBERT 1517 HUTCHISON ST MTL MAIN ST LOGGIEVILLE N B	MD CM 1 PL 6905
MURER JAN 4910 WALKLEY AVE N D G MONTREAL QUE	B ENG MCH 5
MURLEY ROY MACPHERSON HOLSTEIN ONT ★63	B ENG CH 5
MURPHY DAVID ALTON MACDONALD COLLEGE CHATEAUGUAY BASIN QUE	B SC AGR 1
MURPHY EVELYN P 3101 MAPLEWOOD AVE MONTREAL 26 QUE	B A 1 AT 2035
MURPHY FREDERICK G DOUGLAS HALL 142 ALMAST MONCTON N B	MD CM 1
MURPHY GEORGE ROSS 66 ABERDEEN AVE WESTMOUNT QUE	B SC 2 DE 9779
MURPHY JEAN EVELYN 2750 VAN HORNE AVE APT 1 MONTREAL 26 QUE	L MUS 1 AT 3503
MURPHY KENNETH J 3839 MARCIL AVE MONTREAL 28 QUE	B COM 3 EL 2449
MURRAY FRANCIS E BRUCY P O ISLE PERROT 376 KER AVE VICTORIA B C	M SC 1
MURRAY HUGH GRANT 54 KENASTON AVE TOWN OF MOUNT ROYAL QUE	B ENG 1 AT 0150
MURRAY JAMES ALEXANDER 3811 ROYAL AVE N D G MONTREAL QUE	B COM 2 DE 7621
MURRAY JAMES GORDON 4693 COOLBROOK AVE MONTREAL QUE	MD CM 4 DE 1887
MURRAY JOAN RUSSELL MACDONALD COLLEGE 123 MAPLE AVE QUEBEC CITY QUE	B SC H EC 4
MURRAY JOHN ALBERT 66 CURZON AVE MONTREAL WEST QUE	B ENG 2 DE 9825
MURRAY LOUIS GEORGE 3426 STANLEY ST MTL P O GOLDEN VALLEY CAPE PROVINCE S AFRICA	PH D 2 BE 0360
MURRAY MARGARET R MACDONALD COLLEGE 66 CURZON ST MONTREAL WEST QUE	B SC H EC 2
MURRAY MARY ATHOL 808 WOLSELEY AVE MONTREAL WEST QUE	B A 1 EL 9767
MURRAY WILLIAM D 6187 TERREBONNE AVE APT 3 N D G MONTREAL QUE	B ENG EL 4 EL 5624
MURRAY WILLIAM H 528 PINE AVE WEST MONTREAL QUE	D D S 4 BE 9100
MURRAY WILLIAM R 3653 UNIVERSITY ST MTL 303 FRANK ST OTTAWA ONT	MD CM 3 PL 2073
MUST OLAF JLMAR 3841 RIDGEVALE AVE APT 10 MONTREAL QUE	B COM 1 EX 8572
MUTCH ROBERT BRUCE 3556 PARK AVE APT 7 MONTREAL QUE	B D 3
MYERS GEORGE SIMPSON 218 PERCIVAL AVE MONTREAL WEST QUE	B ENG CH 5 DE 9938
MYERS GORDON EDWARD 3541 SHUTER ST MTL 918 STAFFORD ST VICTORIA B C	PH D 3 MA 9504
MYERS THELMA ELEANOR 5344 MONKLAND AVE N D G MONTREAL QUE	B A 2 WA 4176
MYERS WILLIAM WENDELL 11350 STANISLAS ST VILLE ST LAURENT QUE	B A 3 BY 4939

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NAME ADDRESS	TEL. NO.	COURSE & YEAR
MYERSON ALLAN B 1460 VAN HORNE AVE OUTREMONT QUE	DO 3864	B COM 1
MYLCHREEST MARY A 3417 UNIVERSITY ST MTL 59 DOWNER AVE DORCHESTER MASS U S A	MA 0668	B A 4
MYRAN GENEVIEVE 1646 VAN HORNE AVE APT 2 OUTREMONT QUE	GR 3022	B SC 4

N

NAAS OLAV 35 WINDSOR AVE WESTMT 6171 SHERBROOKE ST W MONTREAL QUE	EL 7643	B ENG 2
NACHSHEN SAM 4543 CLARK ST MONTREAL QUE		B COM 2
NADEAU JOSEPH R 1640 VAN HORNE AVE APT 1A OUTREMONT QUE	TA 2801	D D S 3
NADLER NORMAN JACOB 5421 WAVERLEY ST MONTREAL QUE	CR 9402	MD CM 4
NADON GUY 7190 DELORIMIER ST MONTREAL QUE	DO 7762	B ENG 1
NAGUS MARCIA 5129 CLANRANALD AVE MONTREAL 29 QUE	EL 0733	B A 1
NAGY JOHN 3434 CITY HALL AVE MONTREAL QUE	LA 1829	B ARCH 2
NAIMER EVELYN 5637 CANTERBURY AVE MONTREAL 26 QUE	AT 2706	B COM 3
NAIMER STANLEY 4949 PONSARD AVE MONTREAL QUE	EX 1909	B COM 1
NAKASHIMA RUIKO 7495 PAPINEAU AVE MONTREAL QUE	GR 5053	B SC 1
NAMEROW ELEANORE 524 ST CATHERINE RD OUTREMONT QUE	DO 4466	B COM 1
NAOUM GEORGE 3743 HUTCHISON ST MTL HOTEL DE LA PAIX GENEVA SWITZERLAND	MA 5321	B ENG CI 3
NARIZZANO YOLA 622 SYDENHAM AVE MONTREAL QUE	EL 2897	B F A 4
NASSIF NORMA ANITA MACDONALD COLLEGE 1185 ST CECILE ST THREE RIVERS QUE		B SC H EC 2
NASON EILEEN SINCLAIR 3630 DUROCHER ST APT 34 MONTREAL QUE	BE 8835	MD CM 4
NATHANSON MILDRED S 4570 RIDGEVALE AVE MONTREAL QUE	EX 2466	B A 3
NATHANSON S LYON 73 WINDSOR AVE WESTMOUNT QUE	WA 6574	B ARCH 6
NATURMAN LOUIS 1185 MOUNT ROYAL BLVD W OUTREMONT QUE	CR 2518	B ENG CH 3
NAUDIN RAYMOND M H 3743 HUTCHISON AVE MTL PRAIA DO RUSSEL 300 RIO DE JANEIRO BRAZIL	MA 5132	B SC 3
NAVES WILLIAM 1125 GREEN AVE WESTMOUNT QUE	FI 3620	B ENG EL 5
NEAL HAROLD EGERTON 3785 DUPUIS AVE MONTREAL QUE	EX 9882	PH D 2
NEALE BARBARA RUTH 47 BEACONSFIELD BLVD BEACONFIELD QUE		B A 3
NEF IRENE JEANNE A R V C 494 LANSDOWNE RD ROCKCLIFFE PARK ONT	UN 0296	B A 4
NEILSON JOHN ALLAN 52 ARLINGTON AVE WESTMOUNT QUE	WA 4305	B SC 1
NEIMAN GREGORY M A 5365 VICTORIA AVE APT 6 MONTREAL QUE CORNER BROOK NFLD	Ex 8331	M SC 1
NEIMAN SYLVIA 5365 VICTORIA AVE SNOWDON MONTREAL QUE CORNER BROOK NEWFOUNDLAND	Ex 8331	B A 4
NELSON ARTHUR JAMES 1855 RACHEL ST E MONTREAL QUE	AM 1104	PARTIAL 0
NELSON HUGH MCGREGOR 3556 STE FAMILLE ST MTL 8 STANLEY ST AMHERST N S	LA 7703	B ENG CH 5
NELSON SAMUEL JAMES 360A STE FAMILLE ST MTL 250 EAST 23RD AVE VANCOUVER B C		PH D 2
NELSON WILLIAM F 1420 DECARIE BLVD APT 19 ST LAURENT QUE		B ENG MCH 5
NEMIROFF STANLEY ALLEN 740 WILDER AVE OUTREMONT QUE	AT 5669	B ENG 1
NEMSER RUBY DIANE R V C 1488 EAST 46TH ST BROOKLYN 34 N Y U S A	UN 0069	B A 1
NENNIGER EMILE 6154 N D G AVE N D G MONTREAL QUE	EL 2073	M ENG 1
NERNY MAURICE EUGENE 953 ST PHILIPPE ST MONTREAL 30 QUE	WE 2018	B A 2
NESS DOROTHY EVELYN MACDONALD COLLEGE HOWICK QUE		TCH ELEM 1
NESS MARGARET ANNE MACDONALD COLLEGE HOWICK QUE		TCH KIND 1
NESS MAJORIE C MACDONALD COLLEGE HOWICK QUE		TCH ELEM 1
NESS MARY EILEEN MACDONALD COLLEGE HOWICK QUE		B SC H EC 3
NESS OWEN MACGREGOR MACDONALD COLLEGE HOWICK QUE		B SC AGR 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
NESSET REIDMAR 380 METCALFE AVE MTL COLLETTSGATE 13 OSLO NORWAY	M ENG 1 WE 7643
NETH EDWARD JOSEPH 3571 HUTCHISON ST MTL 42 EAST THORME ST BRIDGEPORT 6 CONN U S A	MD CM 2 PL 8821
NETTEL STEPHEN 4161 MELROSE AVE N D G MONTREAL QUE	B ENG 2 WA 6036
NETTEN EDWARD W 483 CRESCENT AVE ST LAMBERT QUE	B COM 4
NETTLETON GEORGE H J 3690 PARK AVE MTL 13 LINDEN TERRACE OTTAWA ONT	B COM 2 LA 9961
NEVARD HENRY BALLON 4377 WESTMOUNT AVE WESTMOUNT QUE	B SC 4 DE 5886
NEW DESMOND JOHN MACDONALD COLLEGE 37 GAULT AVE VALLEYFIELD QUE	B SC AGR 4
NEWBURY CLIFFORD B 1255 FORT ST APT 31 MONTREAL QUE	B ENG CH 5
NEWBY JACK DEAN 510 MCGUIRE RD R R 2 SARDIS B C	D D S 1
NEWCOMB MARY E 3457 REDPATH ST MONTREAL 25 QUE	B SC 2 HA 7864
NEWINGTON BRUCE H 2047 UNION ST MTL 25 OSSINGTON AVE OTTAWA ONT	B ENG CI 5
NEWMAN JEAN ELIZABETH MACDONALD COLLEGE R R 1 MERRICKVILLE ONT	B SC AGR 3
NEWMAN DAVID ANATOLE 3841 MELROSE AVE N D G MONTREAL QUE	B ENG EL 4 DE 4527
NEWMARK LOIS RUTH 377 GROSVENOR AVE WESTMOUNT QUE	B A 3 WA 2939
NEWSHAM GWENDOLYN S 521 PRINCE ARTHUR W MTL 515 AVE H NORTH SASKATOON SASK	B S W 1 HA 1839
NEWTON ROBERT A 38 MACAULEY AVE ST LAMBERT QUE	D D S 1
NEWTON WILLIAM EVANS 4039 TUPPER ST MTL SAANICHTON B C	MD CM 4
NICHOL ARTHUR BOYD 3626 OXENDON AVE MTL NEW MILLS N B	B ARCH 5
NICHOL DOROTHY ELLEN 415 MANNING AVE VERDUN QUE	B A 2
NICHOL MARY EVELYN 1164 EGAN AVE VERDUN QUE	M S W 2 TR 0516
NICHOL WALTER W 1164 EGAN AVE VERDUN QUE DUTTON ONT	MD CM 4 TR 0516
NICHOLAS GEORGE A 3929 WELLINGTON ST VERDUN QUE	B COM 1 TR 8991
NICHOLAS WILLIAM J 5778 DES ERABLES ST MTL 178 27 120TH AVE ST ALBANS 12 LONG ISLAND NEW YORK U S A	B ENG CI 5 DO 7738
NICHOLLS SYDNEY J 2058 DECARIE BLVD N D G MONTREAL QUE	B ENG EL 4 EL 2026
NICHOLSON MONTGOMERY 107 COTE SAINT ANTOINE WESTMOUNT QUE	B A 1 WE 5313
NICHOLSON GAVIN MACDONALD COLLEGE 459 COTE ST ANTOINE RD MONTREAL 6 QUE	B SC AGR 3
NICHOLSON JAMES W G MACDONALD COLLEGE CRAPAUD P E I	B SC AGR 4
NICKELS WALTER H 1179 HOPE AVE APT 2 MONTREAL QUE	M A 2 WE 8797
NICKILO DOMINIC J 4261 BARCLAY ST APT 7 MONTREAL QUE	B ENG CI 4
NICKLE AUDREY G 3426 STANLEY ST MTL 1117 A GROSVENOR AVE WINNIPEG MAN	B N 2 BE 0360
NICOLAIDES EMMANUEL 3610 DUROCHER ST APT 9 MONTREAL QUE 19 SCOUFA ST ATHENS GREECE	B ENG 2 BE 2192
NICOLOPOULOS LEONIDAS 1001 SHERBROOKE ST MONTREAL QUE	M A 1 BE 0811
NIEBYL ELIZABETH C 24C CHAMPLAIN COLLEGE PLATTSBURGH N Y U S A	PH D 2
NIELSEN NIELS HOEG 549 ABERCORN AVE TOWN OF MOUNT ROYAL QUE	B A 4 AT 2177
NIKOLAIDIS GEORGE 539 PINE AVE W MTL 12 TOSITSA ST ATHENS GREECE	B ARCH 3 LA 7628
NIKOLAIDIS JACK 539 PINE AVE W MTL 12 TOSITSA ST ATHENS GREECE	B ENG MCH 3 LA 7826
NILE WINONA TAYLOR R V C 40 MANNING RD WALTHAM MASS U S A	B A 2 UN 0206
NILOFF PAUL HYMAN C O COL PRES MED CENTER NEW YORK CITY N Y U S A LONDON ST SHERBROOKE QUE	MED DIPL 5
NIRENBERG DEBORAH 4845 PARK AVE MONTREAL QUE	B SC 4 VI 3960
NISHIO REI 7391C DE NORMANVILLE ST MONTREAL 10 QUE	B A 3 VI 5058
NIVEN DONALD BRUCE 2130 NORTHCLIFFE AVE N D G MONTREAL QUE	B COM 1 WA 8028
NIXON KENNETH BARTON MACDONALD COLLEGE VANKLEEK HILL ONT	AGR DIP 1
NIXON WILLIAM A 1849 DORCHESTER W APT 5 MONTREAL QUE 205 10TH AVE N E CALGARY ALTA	D D S 4

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NNOCHIRI ENYINNAYA MACDONALD COLLEGE ELUOMA UZUAKOLI NIGERIA WEST AFRICIA		PH D 2
NNUBIA CHARLES ANADU 1441 DRUMMOND ST MTL BOX 27 MINNA NIGERIA W AFRICA	MA 4171	B SC 2
NOAKES PETER JOHN 1440 CRESCENT ST MTL V O C TIA JUANA DTO BOLIVAR ESTADO ZUCIA VENEZUELA S AMERICA		B ENG CH 4
NOBLE GEOFFREY C MACDONALD COLLEGE 216 ST CLAIR AVE WEST TORONTO ONT		B SC AGR 4
NOEL CHARLES EDWIN 755 ALLARD AVE VERDUN QUE	TR 3735	B COM 3
NOLTIE HELEN E 440 MOUNT STEPHEN AVE APT 22 MONTREAL QUE	DE 3459	B A 2
NOMMIK SALME 3285 BARCLAY AVE APT 8 MONTREAL QUE	EX 7115	M SC 1
NOODELMAN ALFRED 388A CITY HALL AVE MONTREAL QUE	HA 1833	B COM 3
NORBURY THOMAS 513 ARLINGTON AVE TORONTO ONT		B ENG MI 4
NORMAN ALEXANDER C 941 WOODSTOCK AVE MTL TATAMAGOUCHE N S ★64	WI 5052	B ENG 2
NORMAN REGINALD L THEOLOGICAL COLLEGE KINNEAIS MILLS QUE		PARTIAL 0
NORMAND JOSEPH A 1312A BEAUBIEN ST E MONTREAL QUE		B SC 1
NORMORE WILLIAM M 3484 HUTCHINSON ST MTL MAIN ST BELL ISLAND NFLD	BE 0722	B SC 4
NORRIS BARBARA M MACDONALD COLLEGE 4155 BEACONSFIELD AVE MONTREAL 28 QUE		B SC H EC 4
NORTH GEOFFREY H 1730 DORCHESTER ST W APT 17 MONTREAL QUE		B L S 1
NORTH GEORGE JOHN T 3140 GLENCOE AVE TOWN OF MOUNT ROYAL QUE	AT 2387	B ENG CH 4
NOSEWORTHY JOAN EDNA 1461 CRESCENT ST MONTREAL QUE	MA 5159	B SC 2
NOTAR STELLA MACDONALD COLLEGE 646 OUTREMONT AVE OUTREMONT QUE		TCH KIND 1
NOTKIN JOAN CAROL 5584 WOODBURY AVE MONTREAL QUE	AT 1445	B A 3
NOTMAN WILLIAM GREIG 479A PRINCE ARTHUR ST MONTREAL QUE 13 HILLCREST AVE ST CATHARINES ONT	BE 3290	B ARCH 4
NOTT SYLVIA GERTRUDE 536 PINE AVE MTL BROOKLYN HANTS CO N S	GR N CERT 1 BE 3116	

NAME ADDRESS	TEL. NO.	COURSE & YEAR
NOVOTNY GEORGE V J 379 ELM AVE MONTREAL QUE	WE 9000	B ENG 1
NOVOTNY IVAN CHARLES DOUGLAS HALL 872 BALL AVE MONTREAL QUE		B ENG 1
NOVOTNY JAN MARIA 379 ELM AVE WESTMOUNT QUE	WE 9000	B COM 4
NUCCI CONSTANT 4009 ST ANDRE ST MONTREAL QUE	AM 5059	B A 4
NUGENT JOHN RONALD MACDONALD COLLEGE 336 HINTON AVE OTTAWA ONT		B SC AGR 1
NUMEROF GERALD 7548 QUERBES AVE OUTREMONT QUE	CA 8345	B COM 1
NURSE WILFRED GODFREY 825 SECOND AVE VERDUN QUE	YO 9610	B ENG CI 4
NUSGART DIAN SHEILA R V C 280 CORDOVA ST WINNIPEG MAN		B ENG 2
NUTTER FREDERICK H 48 CHESTERFIELD AVE WESTMOUNT QUE	EL 7114	B COM 2
NYESTE ZOLTAN B 5215 VICTORIA AVE MONTREAL QUE	AT 8900	D D S 2

O

NAME ADDRESS	TEL. NO.	COURSE & YEAR
OAKLEY DONALD A 457 DULWICH AVE ST LAMBERT QUE		B A 4
OATWAY EDITH KATHLEEN 486A COTE DES NEIGES RD APT 6 MONTREAL QUE STONY PLAIN ALBERTA	AT 6026	B N 2
OATWAY HAROLD C 1285 OUIMET ST APT 23 VILLE ST LAURENT QUE	BY 3626	M ENG 1
O BEIRN GEORGE B 3495 VAN HORNE AVE MONTREAL QUE	AT 2071	B COM 2
OBEMBE GEORGE O 1462 MCGILL COLLEGE ST MONTREAL QUE 28 KING GEORGE AVE YABA NIGERIA B W A		B ENG CI 4
OBERMAN DAVID 1336 LAJOIE AVE OUTREMONT QUE	CA 3953	B ENG 1
O BRIEN EDWARD G 140 ST JOSEPH BLVD MONTREAL 14 QUE	CR 0686	MD CM 3
O BRIEN ELIZABETH J 405 CLARKE AVE WESTMOUNT 6 QUE	WE 4152	PHYSIOTH 1
O BRIEN HAZEL C 140 ST JOSEPH BLVD W MONTREAL QUE	CR 0686	B A 4
O BRIEN HEATHER M 594 BIRCH AVE ST LAMBERT QUE		B SC H EC 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
O BRIEN JAMES EDWARD 254 METCALFE AVE WESTMOUNT QUE	B SC 1 WE 7753
O BRIEN JOHN WILFRED WILSON HALL 894 THIRD AVE W OWEN SOUND ONT	B A 2 HA 4873
O BRIEN JOSEPH ED KELLY SQUARE MCMASTERVILLE QUE	B A 4
O BRIEN ROBERT S C 405 CLARKE AVE WESTMOUNT QUE	B C L 1 WE 4152
O BRIEN ROBERT S 405 CLARKE AVE WESTMOUNT QUE	PARTIAL 0 WE 4152
O BRIEN WYMAN NOEL 7467 STUART AVE MTL WALTON HANTS CO NOVA SCOTIA	B ENG MI 5 TA 2756
O CONNELL JOAN MARY 4817 WILSON AVE N D G MONTREAL 29 QUE	B A 4 EL 8973
O CONNELL WELLNER M 4817 WILSON AVE N D G MONTREAL QUE	B A 2 EL 8973
O CONNOR ANN ROSEMARY 5390 DECELLES AVE COTE DES NEIGES QUE	B A 1 AT 4606
ODELL WILLIAM DONALD 233 PERCIVAL AVE MONTREAL WEST QUE	B COM 3 DE 8116
ODERBERG MARK A 6050 HODSON RD MONTREAL 26 QUE	B SC 2 CA 5783
ODINOTSKI WALTER 3479 CITY HALL AVE MONTREAL QUE	B ENG CH 5 LA 6285
O DONNELL VINCENT J 3208 GUYARD AVE MONTREAL QUE	B SC 4
OELBAUM RONALD 1380 CALEDONIA AVE TOWN OF MOUNT ROYAL QUE	B COM 2
OFFICER SHIRLEY MAE R V C 2336 W 20TH AVE VANCOUVER B C	B SC 4 UN 0217
OFFICIA EDWARD LOUIS 41 LAKESHORE RD VALOIS QUE	B ENG 2
OFFORD ALICE ANNE R V C 143 KING ST PORT COLBOURNE ONT	B A 4 UN 0038
O FLANAGAN JOAN G 3480 ONTARIO ST MTL 74 SHEPHERD ST E WINDSOR ONTARIO	B L S 1 PL 0044
OGILVIE JANE E MACDONALD COLLEGE 578 ROSLYN AVE WESTMOUNT QUE	HOMEMAKER 1
OGILVIE JOHN ROBERT MACDONALD COLLEGE CYRVILLE ONT	B SC AGR 1
OGILVY JAMES PATON 53 BALLANTYNE AVE N MONTREAL QUE	B COM 2 DE 8106
OGILVY JOHN ANGUS 32 BALLANTYNE AVE N MONTREAL WEST QUE	B A 3 DE 0915
OGLE WILLIAM ALBERT MACDONALD COLLEGE ROSETOWN SASK	MD CM 4
O GORMAN HOWARD W 1210 PINE AVE MTL 21 BAKER ST SUDBURY ONT	B ARCH 6 HA 0098
OHASHI JOAN MASUKO 3451 PRUD HOMME AVE N D G MONTREAL 28 QUE	B SC 2 EL 1246
OIRING JULIE 4620 RIDGEVALE AVE SNOWDON MONTREAL QUE	B A 1 Ex 4700
OKOH FESTUS OKAI BOX 4 SUHUM GOLD COAST BR WEST AFRIC	B SC 2
OLDHAM DAVID ANDREW 3527 LORNE AVE MTL 52 WESTLAND AVE BOSTON 15 MASS U S A	B ARCH 5 MA 1956
OLER NORMAN 5210 BOURRET AVE MTL 2121 EAST 13TH ST BROOKLYN N Y U S A	B SC 4 AT 2796
OLIPHANT JOHN L WILSON HALL 4 ETON TERACE EDINBURGH 4 SCOTLAND	B A 1
OLIVER GRAHAM DAVID 254 BALLANTYNE AVE N MONTREAL WEST QUE	B COM 3 DE 1254
OLIVER HELEN ADELINE 9965 JACOB AVE MTL ALTICANE SASK	GR N CERT 1 VE 0365
OLIVER WILLIAM T MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 1
OLIVIER JOSEPH E 3515 LORNE AVE MTL 2185 FREDERICK AVE BURNABY B C	MD CM 2
OLLIVIER PAUL MAURICE 751 CHAMPAGNEUR ST MTL 76 MARLBOROUGH OTTAWA ONT	B C L 3
OLSEN NORMAN JOHN 281 ST DENIS ST ST LAMBERT QUE	B ENG MCH 5
OLSEN ORVIL ALVA MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 3
OLSON ORVAL RONALD J DOUGLAS HALL 816 2ND AVE N W MOOSE JAW SASK	B ENG 2 UN 0068
OLSZESKI S EDWARD 2627 BERCY ST MONTREAL QUE	B SC 2
OLSZEWSKI JERZY 3801 UNIVERSITY ST MONTREAL QUE	PH D 2 PL 1251
O NEILL BRIAN FRANCIS 69 BROCK AVE MONTREAL WEST QUE	B COM 4
O NEILL FRANK ALBERT 3517 HUTCHISON ST MTL ST ANDREWS N B	MD CM 1 PL 6905
ONESTI SILVIO JOSEPH 3542 FULLUM ST MTL 740 PINE ST SAN FRANCISCO 8 CALIF	MD CM 4 FR 4951
ONYSZCHUK MARIO 6242 LOUIS HEBERT AVE ROSEMOUNT QUE	B SC 4 VI 6714
OPPER MICHAEL A MACDONALD COLLEGE UNEXO PORT AU PRINCE REP D HAITE WEST INDIES	AGR DIP 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ORNSTEIN GERALD 5640 ESPLANADE AVE MONTREAL QUE	B ENG 1 CR 2689
O ROURKE DONALD P F 5030 LOUIS VEUILLOT ST MONTREAL 5 QUE	D D S 1 CL 4403
ORR ALFRED MILLIGAN 5225 CONNAUGHT AVE MTL 581 SHIELDS RD POLLOKSHIELDS GLASGOW S 1 SCOTLAND	B SC 4 DE 6714
ORR JOHN 6299 MOLSON AVE MONTREAL QUE	B ENG CH 5 CA 2206
ORR MABEL SWEET 445 BIRCH AVE ST LAMBERT QUE	B SC 4
ORTEGA JOSE MARIA 1839 LINCOLN AVE APT 1C MONTREAL QUE CLUB VENEZUELA CARACAS VENEZUELA	B ENG CI 5
ORVIG SVENN WILSON HALL WELHAVENS GATE 71 BERGEN NORWAY	PH D 2 UN 0247
OSAKA STANLEY HIROAKI 1683 GRUBERT ST MONTREAL 18 QUE	B ENG 1
OSBORN DALE JAMES 65 SHERBROOKE ST W MONTREAL QUE	PH D 2 HA 5689
OSBORN RUTH HOWELL 65 SHERBROOKE ST W MONTREAL QUE	GRAD QUAL 1 HA 5689
OSBORNE DAVID ARTHUR 455 40TH AVE LACHINE QUE	B ENG 1
OSBORNE ROBERT E P O BOX 181 MCMASTERVILLE QUE	B D 1
O SHAUGHNESSY JAMES 922 PRATT AVE OUTREMONT QUE	B ENG EL 4 AT 4322
OSHOWSKI FRANCES M 529 2ND AVE LACHINE QUE	B SC 1
OSLER EVE JANET 3464 MOUNTAIN ST MONTREAL QUE	M A 1 PL 5672
OSLER JOHN CHARLES 4514 OLD ORCHARD AVE MONTREAL 28 QUE	B ENG CI 4 EL 3855
OSMUN DAVID OLIVER 196 CARTIER ST OTTAWA ONT	B ENG CI 4
OSTANIEWICZ ANDREW R 3512 JEANNE MANCE ST APT 1 MONTREAL QUE	B ENG 2 LA 9839
OSTIGUY JOSEPH M R 4012 DELORMIER AVE MONTREAL QUE	B C L 2 AM 1787
OSTROVSKY EDWARD 4068 LAVAL AVE MONTREAL QUE	PARTIAL 0 BE 3272
OSTROYSKY SARAH 4068 LAVAL AVE MONTREAL QUE	B SC 4 BE 3272
O SULLIVAN RICHARD J 395 KENSINGTON AVE MTL BROCKLANDS APTS APT 10 DARTMOUTH N S	B ENG CI 5 FI 4346
OTTO STANLEY ARTHUR 3431 DRUMMOND ST MTL 406 HAMILTON ST ALBANY N Y U S A	B A 1 PL 3616
OTTOLENGHI PAUL 3532 LORNE AVE APT 9 MONTREAL QUE	B SC 1
OUGHTRED GEORGE W 264 UNION BLVD ST LAMBERT QUE	B COM 3
OULOUSIAN ELIZABETH 6090 JEANNE MANCE ST MONTREAL QUE	B A 1
OULTON RHODES CLARKE 695 MANNING AVE VERDUN QUE	M A 1 TR 7550
OUTERBRIDGE WILLIAM 3508 UNIVERSITY ST MTL SMITH S PARISH BERMUDA	D D S 2 BE 0752
OVERLAND LILLIAN 6630 3RD AVE ROSEMOUNT QUE	GRAD QUAL 1 DO 2159
OWENS OWEN ERNEST 788 UPPER BELMONT AVE WESTMOUNT QUE	M SC 2
OWER ROLAND C CHILDRENS MEM HOSP 11118 85TH AVE EDMONTON ALTA	MED DIPL 3 FI 4661
OXLEY ADELE MACKENZIE R V C 545 ARLINGTON AVE TORONTO ONT	B ARCH 3
OZAWA GRACE 3608 DE BULLION ST MTL 104 AUGUSTA ST HAMILTON ONT	B SC 3 BE 8505
OZOLINS VALIJA 515 FORTUNE ST MTL D P CAMP MEMMINGEN GERMANY	B SC 3 WI 0852

P

PACKHAM JAMES M 35 HOLTON AVE WESTMOUNT QUE	B COM 3 WI 0482
PACKHAM JOHN S 3370 BARCLAY AVE MTL DUNNVILLE ONT	MED DIPL 1 EX 0533
PADVEEN JACK WILLIAM 425 EDWARD CHARLES ST APT 5 OUTREMONT QUE	B SC 1 TA 3327
PAISLEY DONNA E 4944 EARNSCLIFFE AVE MONTREAL QUE	B F A 1 DE 9390
PAGE JOSEPH C D CONTRECOEUR CO VERCHERES QUE	B C L 1
PAIVA MARIA JOSE F 3509 HUTCHISON AVE APT 49 MONTREAL QUE	M A 5
PAKALNINS IRMGARD 4821 MAYFAIR AVE N D G MONTREAL QUE	PHYSIOTH 2 WA 7316
PALAYEW MAX JACOB 4146 ST DOMINIQUE ST MONTREAL QUE	B A 4 MA 3584

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PALECHKA ANTHONY J 7572 BLOOMFIELD AVE MONTREAL QUE	B COM 3
PALIN FRANK JAMES RICHELIEU VILLEGE QUE	B ARCH 4
PALKO DENIS MICHAEL 3691 HENRI JULIEN ST MONTREAL QUE	B ENG 1 BE 7851
PALMER CECILY E S 629 GROSVENOR AVE WESTMOUNT QUE	B A 1 DE 715A
PALMER LILLA ANN 6 BRUNET AVE DORVAL QUE	B A 3
PALMER LINDA FRANKLIN R V C 383 ASHBURY RD ROCKCLIFF OTTAWA ONT	B A 4
PALMER MARVEN FRASER 545 PINE AVE W MTL DOUGLAS HARBOUR NEW BRUNEWICK	MD CM 1 MA 1545
PALMER MARY LOU MACDONALD COLLEGE 20 WEST AVE KINGSTON JAMAICA B W I	HOMEMAKER 1
PALMER SHIRLEY ANN MACDONALD COLLEGE BOX 225 KINGSTON JAMAICA B W I	B SC H EC 3
PALMER WILFRED H 1 REDPATH ROW MONTREAL 25 QUE	MD CM 1 FI 7970
PALSSON PETUR 3561 PEEL ST APT 9 MTL 27 SIGTUN REYKJAVIK ICELAND	M ENG 1 MA 0674
PALTIEL DANIEL MOSES 4760 RIDGEVALE AVE APT 7 MONTREAL QUE	PH D 2 EX 6095
PALTIEL JUDITH 401 COTE ST ANTOINE RD MONTREAL QUE	B A 1 EL 4629
PALTIEL R NAOMI 401 COTE ST ANTOINE RD WESTMOUNT QUE	MD CM 4 EL 4629
PALTIEL SARAH W 4760 RIDGEVALE AVE APT 7 MONTREAL QUE	B A 3 EX 6095
PANGBORN WILLIAM A 820 DESMARCHAIS BLVD VERDUN QUE	B ENG CI 3 HE 7162
PANDELIDIS STEPHEN 4959 DECARIE BLVD MTL SEVERALS FARM ARKESDEN SUFFRON WALDON ESSEX ENGLAND	B ENG EL 3 WA 7494
PANGMAN PETER M 3940 COTE DES NEIGES RD MONTREAL QUE	B A 4 WE 2024
PANOPALIS HELEN 55 NELSON AVE OUTREMONT QUE	L MUS 1 CA 5003
PAOLELLA SALVATORE 1610 SHERBROOKE ST W APT 39 MONTREAL QUE 2000 WASHINGTON AVE BRONX 57 N Y U S A	B A 4 WE 2206
PAPADOPOULOS A 3210 MAPLEWOOD AVE APT 7 MONTREAL QUE 24 SPARTIS ST ATHENS 8 GREECE	B ENG CH 3 EX 6926
PAPALEONARDOS D 539 PINE AVE MTL NEOPHYTON DOUKA 11 ATHENS GREECE	B ENG CI 3 LA 7826
PAPAS ERNEST CARL 823 BLOOMFIELD AVE OUTREMONT QUE	B COM 3 DO 9184
PAPICH DRAGUTIN 3574 CLARK ST MONTREAL QUE	MD CM 1 LA 6728
PAPPIUS HANNA MARIA 2645 PIE IX BLVD APT 5 MONTREAL QUE	PH D 4 TU 4887
PAQUIN ROGER MACDONALD COLLEGE ST ANDRE KAMOURASKA CO QUE 3430 DRUMMOND ST MTL	PH D 2 PL 0789
PARADIS ADRIEN RENE 591 ST MARC ST SHAWINIGAN QUE	B ENG CI 4
PARADIS ROBERT C 1395 OVERDALE AVE APT 3 MONTREAL QUE	B ENG MCH 4
PARADIS RODOLPHE MACDONALD COLLEGE 117 ST PHILIPPE DRUMMONDVILLE QUE	GRAD QUAL 1
PARCH GRACE DOLORES 3480 ONTARIO AVE MTL 688 JEFFERSON ST BEDFORD OHIO U S A	B L S 1 PL 0800
PARENT BENOIT MACDONALD COLLEGE ST GEORGES OUEST BEAUCE CO QUE	GRAD QUAL 1
PARKER ALBERT MUNTON 4200 MAPLEWOOD AVE MONTREAL QUE	B ENG MCH 5
PARKER EDWIN BURKE THEOLOGICAL COLLEGE 330 3RD ST S KENORA ONT	B A 8 HA 4873
PARKER ERIC ROSS P O BOX 124 VAUDREUIL QUE	B SC 3
PARKER HENRY ELLIOTT 4166 HINGSTON AVE N D G MONTREAL QUE	B ENG MCH 4 WA 5241
PARKER LAWRENCE A 4554 KING EDWARD AVE MTL 686 ARMOUR RD PETERBORO ONT	B ENG EL 5 WA 9727
PARKER RAY WALTER 24 KENASTON AVE TOWN OF MOUNT ROYAL QUE	B COM 1 AT 6035
PARKES HOWARD 4118 NORTHCLIFFE AVE N D G MONTREAL QUE	L MUS 3 EL 9569
PARROTT KENNETH B 252 PRINCE ALBERT AVE WESTMOUNT QUE	B SC 3 EL 9986
PARRY JENNIFER RAY 1100 ELGIN TERRACE MONTREAL QUE	B A 4 BE 1195
PARSONS BASIL IAN 3506 UNIVERSITY ST MTL 1775 ASSINIBOINE AVE ST JAMES MAN	PH D 1 UN 0286
PARSONS CONSTANCE G R V C 301 HAMILTON AVE ST JOHN S NFLD	B A 8 UN 0038
PARSONS DAVID WILLIAM 352 MERCILLE AVE ST LAMBERT QUE	B COM 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PARSONS EVE JANET R V C 301 HAMILTON AVE ST JOHN S NFLD	B SC 1 UN 0057
PARSONS FRANK WATSON 3485 MCTAVISH ST MONTREAL QUE	MD CM 3 BE 0424
PARSONS JAMES LESLIE 346 LANSDOWNE AVE WESTMOUNT QUE	B ENG CI 4 DE 2889
PARSONS MICHAEL H 10 BELVEDERE RD WESTMOUNT QUE	B A 1 FI 5457
PARSONS ROSS LESLIE 2 BELLEVUE PARK PTE CLAIRE QUE	B COM 4
PARSONS TIMOTHY R MACDONALD COLLEGE 8 ARUNDEL TERRACE BUDE CORNWALL ENGLAND	B SC AGR 2
PARSONS WILLIAM D 508 GROSVENOR AVE WESTMOUNT QUE	MD CM 4 EL 7618
PARSONS WILLIAM D 7415 SHERBROOKE ST W MONTREAL QUE	B ENG MCH 4 DE 6743
PARTYKA THADDEUS 7970 STUART AVE APT 4 MONTREAL 15 QUE	B ENG 2 GR 7217
PASCAL SHEILA LOIS 40 ABERDEEN AVE WESTMOUNT QUE	B SC 2 WI 7647
PASCOE ENID GRACE 4826 VICTORIA AVE MONTREAL QUE	B SC 3 WA 1602
PASHLEIGH DOUGLAS J MACDONALD COLLEGE 3660 SO CAMBIE ST APT 104 VANCOUVER B C	B SC AGR 3
PASQUIER PIERRE A L MACDONALD COLLEGE ST HILAIRE E QUEBEC	B SC AGR 1
PASTERNAK ISRAEL S 148 PORTLAND AVE TOWN OF MOUNT ROYAL QUE P O BOX 109 BRIDGETOWN BARBADOS BWI	B ENG 1 AT 2687
PATCH HOWARD MORGAN 338A ROSLYN AVE WESTMOUNT QUE	B ARCH 6 EL 5116
PATCHELL DAVID RALPH 3737 HUTCHISON ST APT 5 MONTREAL 18 QUE 508 RATHGAR AVE WINNIPEG MAN	B ENG MCH 5 MA 6796
PATENAUDE MARIEAMANDA 3229 MAPLEWOOD AVE MONTREAL QUE	B A 1 AT 5944
PATERSON ALAN LORNE 4127 MARCIL AVE MONTREAL 28 QUE	B A 2 DE 8097
PATERSON KATHERINE E 1634 SELKIRK AVE MONTREAL 25 QUE	B A 3 FI 5833
PATERSON LAURIE A WESTBOURNE MAN	M A 2
PATIENCE RICHARD EARL 4583 HINGSTON AVE N D G MONTREAL QUE	B ENG EL 3 DE 3843
PATON JAMES WELDON 491 ARGYLE AVE WESTMOUNT QUE	B COM 1 WI 9831
PATON JOHN EUGENE MACDONALD COLLEGE GRANDHOME HOUSE ABERDEEN SCOTLAND	B SC AGR 2
PATRICK MURRAY CARL 6376 BANNANTYNE AVE VERDUN QUE	MD CM 3 HE 5733
PATTEE FRANK VANKLEEK 124 BROCK AVE N MONTREAL WEST QUE	B ENG 2 DE 7259
PATTERSON EDWARD 1096 BEATTY AVE VERDUN QUE	B COM 4 TR 1965
PATTERSON GORDON L 1545 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B COM 3 AT 2595
PATTERSON MARGARET J 457A MICHEL BIBAUD WESTMOUNT QUE	B SC P E 3 EX 1322
PATTERSON MARY ADAMS R V C 91 SMITH AVE TRURO N S	PHYSIOTH 1
PATTISON ANNE H ROSEMERE QUE	B SC 2
PATTON BRUCE RALPH SUTTON QUE	PARTIAL 0
PATTON EARL BARRY 4540 OXFORD AVE N D G MONTREAL QUE	B COM 1 DE 1311
PATTON VIRGINIA T J 84 SUNNYSIDE AVE WESTMOUNT QUE	B A 1 EL 4608
PATTON WALTER ALLAN 202 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	B COM 4 EX 1351
PAUL JOSEPH ROBERT 3777 COTE DES NEIGES RD MONTREAL QUE	B F A 2 FI 6029
PAUL RICHARD CORLEY 3437 PEEL ST MTL 10 WELLINGTON ST BROCKVILLE ONT	B COM 3 PL 1674
PAUL THOMAS INGLIS 3437 PEEL ST MTL 10 WELLINGTON ST BROCKVILLE ONT	B COM 3 PL 1674
PAULETTE ROBERT EDWIN DOUGLAS HALL 45 ABENAQUIS ST SHERBROOKE QUE	MD CM 1 UN 0078
PAULIN MARIE T TRACADIE N B	GR N CERT 1
PAULIUS VYTAUTAS 4690 JEANNE D ARC AVE APT 8 MONTREAL QUE	B ENG 1
PAVLASEK-TOMAS JAN F 506 PRINCE ALBERT AVE WESTMOUNT QUE	PH D 2
PAYETTE JOSEPH W L 3465 RIDGEWOOD AVE APT 100 MONTREAL QUE	B C L 3 EX 0990
PAYETTE ROBERT 64 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE 314 MELANCON ST DRUMMONDVILLE QUE	B ENG EL 5 AT 7083
PAYNE GEORGE BRENTON 2 DOBIE AVE TOWN OF MOUNT ROYAL QUE	B ENG 2 AT 3539
PAYNE THOMAS MOORE B MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 1

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NAME ADDRESS	TEL. NO.	COURSE & YEAR
PAZUR MICHAEL R BOX 29 RUTHVEN ONT		B SC AGR 2
PEACH RICHARD OLIVER 16 ST CYRILLE AVE OUTREMONT QUE 26 SHEPARD ST MARBLE HEAD MASS U S A		MD CM 1
PEACOCK JAMES EDWIN M 3420 DRUMMOND ST MTL P O BOX 244 NORANDA QUE	BE 9680	D D S 1
PEAKE HUGH C L 3380 RIDGEWOOD AVE MONTREAL QUE	EX 2656	B SC 4
PEAQUIN CLAUDIA A R V C 316 WEST 22ND ST NEW YORK N Y U S A	UN 0148	B A 2
PEARCE RICHARD F 3653 UNIVERSITY ST MONTREAL QUE	PL 2073	B COM 3
PEARL HYMAN 517 PINE AVE W MTL 327 RACINE ST GRANBY QUE	MA 2948	MD CM 2
PEARL JUDAH MORTON 353 WILLOWDALE AVE OUTREMONT QUE	AT 8451	B COM 1
PEARL MARILYN MACDONALD COLLEGE 725 STUART AVE OUTREMONT QUE		TCH ELEM 1
PEARL NORMAN 517 PINE AVE W MTL 327 RACINE ST GRANBY QUE	MA 2948	B SC 3
PEARSON JOHN BRUCE 16 WILLOW AVE WESTMOUNT QUE	WA 2674	B COM 2
PEARSON LOIS MARILYN 4892 ISABELLA AVE MONTREAL QUE	AT 2697	B A 2
PEART ROBERT DOUGLAS 1486 CHOMEDY ST MTL 101 SUGARLOAF ST PORT COLBORNE ONT	WI 8520	B SC P E 3
PECK AIMEE MARGARET 29 GRANVILLE RD HAMPSTEAD QUE	DE 6981	M S W 1
PECK ALAN SHERMAN DOUGLAS HALL 356 ORANGE ST SPRINGFIELD 8 MASS U S A		MD CM 1
PECKHAM HUGH EDWARD MACDONALD COLLEGE 642 BELMONT AVE WESTMOUNT QUE		B SC AGR 2
PECKHAM MAUREEN C 642 BELMONT AVE WESTMOUNT QUE	DE 3030	B A 4
PECKNOLD GERALD A 222 MELVILLE AVE WESTMOUNT QUE	WE 5123	B A 1
PEDEPSEN REINHOLD J APARTADO 705 CARACAS D F VENEZUELA		B ENG 2
PEDLEY NORAH FRANCES BOX 21 HUDSON QUEBEC		B SC 4
PEDNAULT DAWSON E 3575 PEEL ST APT 4 MTL 48 CASOT AVE APT 2 QUEBEC CITY QUE	MA 4078	B A 4

NAME ADDRESS	TEL. NO.	COURSE & YEAR
PEDNEAULT YVON 5125 BORDEAUX ST MONTREAL QUE	CH 5503	B ENG CI 3
PEDVIS LEONARD 3955 DUPUIS ST MTL 1180 DEMONTIGNY AVE QUEBEC CITY QUE	EX 9493	B COM 1
PEDVIS BEREL 662 QUERBES AVE MTL 3 DESSANE AVE QUEBEC CITY QUE	DO 6510	B COM 1
PEERS MICHAEL R 487 MOUNT PLEASANT AVE WESTMOUNT QUE	WI 8239	B A 3
PEET ELLY R V C NEW VERNON NEW JERSEY U S A	UN 0048	B A 1
PEGG CHARLES JOSEPH 434 MUTUAL ST OTTAWA ONT		B ENG CI 5
PEIRCE ESTHER K 55 ABERDEEN AVE WESTMOUNT QUE	DE 5914	B A 2
PELCHAT GUY MAJELLA 3559 STE FAMILLE ST APT 4 MONTREAL QUE	PL 7853	B ENG 1
PELLETIER BERNARD R 50 ACADEMY RD APT 9 WESTMOUNT QUE		PARTIAL 0
PELOQUIN JACQUES 64 ST JOSEPH BLVD MONTREAL QUE		B ENG 2
PELTON WILLIAM E 5933 MCLYNN AVE MONTREAL QUE	AT 7251	B COM 4
PENCER MONA ANITA 5138 JEANNE MANCE ST MONTREAL QUE	CA 6066	B SC 1
PENNEFATHER RICHARD F 5065 KINGSTON AVE N D G MONTREAL QUE	DE 5770	B C L 1
PENNIE TERENCE E 217 PERCIVAL AVE MTL 6 SHEPHERD S HOUSE LANE READING ENGLAND	DE 0106	B A 2
PENNINGTON GEORGE A WILSON HALL C O H B JOHNSTON BELOEIL STATION QUE	UN 0867	B ARCH 2
PENROSE GEORGE S 3445 STANLEY ST APT 11 MONTREAL 2 QUE	HA 8804	MD CM 3
PEPIN EMILE FRANCIS 124 VICTORIA AVE LONGUEUIL QUE		B COM 4
PEPIN JOSEPH OVILA 10345 ST LEONARD P M LAVAL CO QUE		B ENG 1
PEPIN MAURICE 2026 BERRI ST MTL 486 MERCIER ST ST JEAN QUE	HA 6544	B A 4
PEPPER JOHN JOSEPH 10 ROSEMOUNT AVE WESTMOUNT QUE	FI 8654	B C L 2
PEPPIATT HARRY J 4390 KING EDWARD AVE MONTREAL QUE	WA 6802	PH D 2
PERCIVAL JUNE W R V C 126 MONCTON AVE QUEBEC CITY QUE		B A 2

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PERCIVAL WALTER L 72 CURZON AVE MONTREAL WEST QUE 5327 HALSEY COURT LOUISVILLE KENTUCKY ★GS	MED DIPL 5
PERCY EDWARD CHARTERS 3300 TROIE AVE APT 4 COTE DES NEIGES MTL QUE	MD CM 4 EX 8794
PERCY HAROLD DOUGLAS 5135 WELLINGTON ST VERDUN QUE	B ENG MCH 5 YO 2657
PEREZ CAMILO 1454 MOUNTAIN ST APT 6 MONTREAL QUE CALLE 24 NO 493 BOGOTA COLOMBIA S AMER	B COM 2 HA 8837
PERILLAT ARTHUR J 2043 UNION AVE MTL DUCK LAKE SASK	M A 2 HA 9042
PERITZ FRAIDIE JOY 750 STUART AVE OUTREMONT QUE	B A 2 CA 6531
PERLIN JOHN CROSBIE 508 GROSVENOR AVE MTL ASHEVILLE ST ST JOHN S NFLD	B COM 1 EL 7618
PERLMAN MARTIN 4635 PARK AVE MONTREAL QUE	M SC 1 MA 4887
PERON FERNAND GEORGE 6901 MONKLAND AVE N D G MONTREAL QUE	PH D 2 WA 7896
PERRAULT JEAN NICHOLAS 2135 GOUIN BLVD CARTIERVILLE QUE	B SC 2 BY 1402
PERRON JOHN 3512 DUROCHER ST MTL 386 LAVIOLETTE ST APT 2 THREE RIVERS QUE	B COM 4 BE 0455
PERRY DAVID MARCUS 570 MILTON ST MTL 3243 CASCADIA SEATTLE 44 WASH D C USA	MD CM 1 LA 9533
PERRY DONNA CAROL 335 COLLEGE AVE MONTREAL QUE	B A 1 BY 4233
PERRY ERNEST JOHN 2022 UNION AVE MTL 3980 COTE DE NEIGES RD APT A53 MONTREAL QUE	PH D 4 BE 5121
PERRY JEAN ANN R V C ASHBURY COLLEGE OTTAWA ONT	B A 3
PERRY LAUREL DAEL 5699 QUEEN MARY RD HAMPSTEAD QUE	B A 3 EL 1623
PETCH PETER CHARLES DOUGLAS HALL 180 PEARSALL DRIVE MT VERNON NEW YORK U S A	B COM 3
PETERS GORDON C 5370 MONKLAND AVE N D G MONTREAL QUE	B COM 2 EL 3666
PETERS MARILYN KAY 14 BROWN ST STE ANNE DE BELLEVUE QUE 5370 MONKLAND AVE N D G MONTREAL QUE	TCH ELEM 1
PETERS PAUL WILLIAM 1610 SHERBROOKE ST W APT 41 MONTREAL QUE	B SC 3 WE 3458
PETERSON ALLAN ANGUS 11143 STE GERTRUDE ST MONTREAL QUE	B A 4
PETERSON DAVID WALTER 436 MAPLE AVE ST LAMBERT NORQUAY SASK	B ENG MCH 5
PETERSON ERIC W 5630 DECARIE BLVD APT 9 MONTREAL QUE	MED DIPL 3 AT 2482
PETERSON JEAN MARIE A 1633 LINCOLN AVE APT 3 MONTREAL QUE 2192 LLD MCLELLAN RD CLOVERDALE B C	GR N CERT 1 WI 4613
PETERSON JOSEPH C R 1313 BEAUBIEN ST MONTREAL QUE	B ENG 1
PETKUS PAULINE MARY 3430 DRUMMOND ST MTL 639 AUGUSTUS ST CORNWALL ONT	M A 2 PL 0789
PETLEY BERNARD 5190 ST HUBERT ST APT 5 MONTREAL QUE BROWNSBURG QUE	B ENG CH 5 GR 7661
3419 DRUMMOND ST MTL PETRANY ZOLTAN 12 HOOPER ST QUELPH ONT	BE 0390 B SC 3
PETRIE DAVID GEORGE 4903 WESTMORE AVE MONTREAL 29 QUE	B C L 3 WA 3305
PETRUSHKA EVELYN 5329 ST URBAIN ST MONTREAL QUE	B SC 1 TA 6258
PETRY NANCY VIRGINIE 495 LANSDOWNE AVE WESTMOUNT QUE	B F A 3 DE 9415
PETT SYLVIA CHRISTINE MACDONALD COLLEGE 3555 ATWATER AVE APT 209 MONTREAL QUE	TCH INT 1
PETTIGREW PATRICK J 3434 MCTAVISH ST MTL 5565 N D G AVE N D G MONTREAL QUE	B A 2 PL 4492
PETTY GEORGE SAAW 2388 PARK ROW WEST N D G MONTREAL QUE	B COM 1 EL 5438
PFALZNER PAUL M 2180 SOUVENIR AVE APT 12 MONTREAL QUE 58 WILLARD ST OTTAWA ONT	M SC 1 FI 8874
PHELAN CHARLES A 36 ABERDEEN AVE WESTMOUNT QUE	B C L 3 WE 2871
PHELAN GEORGIA ADA 36 ABERDEEN AVE WESTMOUNT QUE	B L S 1 WE 2871
PHENDLER ROY WILLIAM 332 WESTMINSTER AVE MONTREAL WEST QUE	PARTIAL 0 DE 1286
PHILBRICK BRENDA 20 MAPLE AVE MTL DANVILLE QUE	TCH ELEM 1
PHILIP MARGARET ANN R V C BOX 221 WINDSOR MILLS QUE	B A 1 UN 0057
PHILIPS CHARLES O D MACDONALD COLLEGE BONAIR ST MARK S GRENADA B W I	B SC AGR 2
PHILIPS EDWARD O 26 ABERDEEN AVE WESTMOUNT QUE	B A 2 FI 8200

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PHILLIPS FREDERICK R 330 REGINA AVE VERDUN QUE	B A 4 TR 3659
PHILLIPS LORNA M 4061 VENDOME AVE N D G MONTREAL QUE	B A 3 DE 8535
PHILIPS LORNE A 2207 BEACONSFIELD AVE APT 1 N D G MONTREAL QUE	M ENG 1
PHILIPS WILLIAM E J MACDONALD COLLEGE 176 HOLMWOOD AVE OTTAWA ONT	B SC AGR 4
PHILLIPSON JOHN 770 ST CLARE RD TOWN OF MOUNT ROYAL QUE	B ENG MI 3
PHOCA ANDREW 3702 JEANNE MANCE ST MONTREAL QUE	B ARCH 4 MA 7117
PICARD CHARLOTTE R V C 20 ROPE FERRY RD HANOVER N HAMPSHIRE USA	B A 1
PICK JOHN CHARLES 4225 BEACONSFIELD AVE N D G MONTREAL QUE	B ENG 1 WA 3659
PICKARD GEORGE KEITH MACDONALD COLLEGE BOX 369 CHARLOTTETOWN P E I	B ARCH 4
PICKARD HARVEY 4580 CIRCLE ROAD MONTREAL QUE	B ENG CI 4 AT 7242
PICKERING MARILYN MAE R V C 9 CRESCENT HTS OTTAWA ONT	B A 3 UN 019R
PICKETT WILLIAM R 366 MILTON ST MTL 2205 N W 27 OKLA CITY 6 OKLAHOMA U S A	B S W 1 MA 6735
PIDDUCK DOROTHY E 112 FIELDFAIR AVE BEAUREPAIRE QUE	B SC P E 3
PIERCE DAVID MILTON DOUGLAS HALL 1458 CRESCENT ST MONTREAL QUE	B A 1
PIERCE FRANCES W R V C 8 SCOTT ST CAMBRIDGE MASS U S A	B A 4 UN 016R
PIERCE MARGARET ELLEN R V C 1458 CRESCENT ST MONTREAL QUE	B A 4 UN 0296
PIERCE ROBERT ALLAN MACDONALD COLLEGE KENSINGTON P E I	B SC AGR 3
PICKERING JOHN WESTON MACDONALD COLLEGE 42 CHELSEA CLOISTERS LONDON S W 3 ENG	B SC AGR 1
PICKETT ERIC ELLIOTT ANNAPOLIS ROYAL N S	B SC 2
PIETRUSIAK STEVE 3903 ST DOMINIQUE ST MONTREAL QUE	B ENG 1
PIGGOTT CARMEN L 2022 UNION AVE APT 10 MONTREAL QUE	PH D 2 MA 7934
PILLET POLLY R V C 97 PARK RD ROCKCLIFFE OTTAWA ONT	B A 2 UN 00RR
PILLEY TREVOR W D 4470 ST CATHERINE ST W WESTMOUNT QUE	B SC 4 FI 5870
PIMM ARTHUR MACDONALD COLLEGE 840 GRAND CONCOURSE BRONX 51 N Y U S A	B ARCH 6
PIMM JUNE BARBARA 1489 BISHOP ST MONTREAL QUE	M PS SC 1 HA 7309
PINARD FREDERICK G 365 KITCHENER AVE WESTMOUNT QUE	B SC 4 WE 8770
PINCHASSOW HENRY 2570 SHERBROOKE ST E MONTREAL QUE	B SC 2
PINDER KENNETH LYLE 3485 MCTAVISH ST MTL ABERNETHY SASK	B ENG CH 5 BE 0424
PINKER HARRY 3861A ST LAWRENCE MTL 4800 COLONIAL AVE MONTREAL QUE	B C L 1 LA 7121
PINKNEY MORLEY E 3794 HAMPTON AVE N D G MONTREAL QUE	B D 1 EL 9047
PINSKY CARL 6033 JEANNE MANCE ST MONTREAL QUE	PARTIAL 0
PINSKY GLORIA GOLLA MACDONALD COLLEGE 1115 LAJOIE AVE OUTREMONT QUE	TCH ELEM 1
PIPER GEORGE WALLACE 3851 UNIVERSITY ST MTL R D 3 PRINCETON NEW JERSEY U S A	B ENG CI 5 UN 001R
PITFIELD ANTONY C SARAGUAY CARTIERVILLE QUE	B ENG 1 BY 2190
PITMAN CYNTHIA ANNE 20 MAPLE ST STE ANNES 3415 LASALLE BLVD VERDUN QUE	TCH ELEM 1
PITHAVADIAN FENN B 3434 HUTCHISON ST MTL 2 RITHERDON RD VEPERY MADRAS 7 INDIA	B ARCH 6
PITT CHRISTOPHER N 43 SURREY GARDENS WESTMOUNT QUE	B ENG 1 EL 770R
PITT JACK ARTHUR 6645 TERREBOURNE AVE N D G MONTREAL QUE	B A 3 DE 0696
PITT MARGARET EILEEN 43 SURREY GARDENS WESTMOUNT QUE	B A 3 EL 770R
PITTMAN BARRY ALBERT MACDONALD COLLEGE 810 41ST AVE GROVEHILL LACHINE QUE	B SC AGR 1
PITTUCK MURRAY F 419 PRINCE ARTHUR ST W MONTREAL QUE 46A KING ST W COBOURG ONT	B ENG CI 5 HA 10RR
PLANCK ROBERT VAN N 3519 GREY AVE N D G MONTREAL QUE	B ENG MCH 3 EL 7736
PLAUNT DARREL HARVEY MACDONALD COLLEGE BOX 216 NEW LISKEARD ONT	B SC AGR 1
PLEMING DOROTHY L 5365 VERDUN AVE VERDUN QUE	M S W 3 HE 4391

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PLUNKETT THOMAS 1360 OUIMET ST APT 36 VILLE ST LAURENT QUE	GRAD QUAL 1 BY 5640
POAPST JAMES VINCENT 188 METCALFE ST OTTAWA ONT STANSTEAD QUE	M COM 2
POCHEREVA WILLIAM 2160 VAN HORNE AVE APT 11 MONTREAL QUE	MD CM 1 EX 0919
PODBERE AVROM 4720 MERIDIAN ST MONTREAL QUE	B C L 1 WA 1363
PODDUBNY ALEX 3918 DROLET ST MONTREAL QUE	B ENG 1 HA 4376
POOHORA FRED W R R 2 STE ROSE CO LAVAL QUE	MD CM 1
POELLHUBER CHARLES 9 SHERBROOKE ST E MTL 164 COMMUNITY ROW CHARLESWOOD MAN	B ENG MCH 3 LA 5309
POHRAN NICHOLAS 1425 OUIMET AVE VILLE ST LAURENT QUE 1836 HIGHLAND AVE NIAGARA FALLS ONT	MD CM 2
POHORESKI ADAM 3518 CLARK ST MONTREAL QUE	B ENG EL 5 BE 8359
POIRIER GEORGES A 989 MANNING AVE VERDUN QUE	B COM 3 TR 5897
POKIDANIEC HENDRICK 2603 WELLINGTON ST MTL 409 MERRILL ST PORT ARTHUR ONT	B ENG CI 5 FI 2691
POLACK JOHN LUCAS 1682 GRUBERT ST MONTREAL 18 QUE	B ENG 2 LA 1565
POLISCHUK RAYMOND H 1065 VICTORIA AVE ST LAMBERT QUE	B ENG MCH 4
POLISENO MAURICE A 5440 16TH AVE ROSEMOUNT MONTREAL QUE	B SC 3 TU 4968
POLISUK THEODORE H 6188 HUDSON RD MONTREAL 26 QUE	B A 2 AT 8942
POLLACK BARUCH BARNEY 2515 VAN HORNE APT 8 MONTREAL QUE	B C L 1 AT 1070
POLLARD NORMAN ERIC 10961 ESPLANADE AVE MONTREAL 12 QUE	B A 1 DU 4252
POLLOCK DONALD W T 516 GROSVENOR AVE WESTMOUNT QUE	B SC 2 DE 6230
POLLOCK DOUGLAS 456 PINE AVE W MONTREAL QUE	B ENG CI 3 LA 2785
POMERANTZ DANIEL 5125 DUROCHER ST OUTREMONT QUE	PARTIAL 0 VI 5666
POMPORA CYRIL JOSEPH 7921 QUERBES AVE MONTREAL QUE	B ENG EL 4 GR 7018
PONDER SYLVIA MARGARET 3019 CEDAR AVE MONTREAL QUE	PHYSIOTH 2 FI 8364
POOL ELVA WINNIFRED 5840 COTE ST ANTOINE RD MONTREAL QUE ESTON SASKATCHEWAN	B N 2 EL 8656
POOLE JOHN BURTON 132 BYRON AVE OTTAWA ONT	PH D 4
POOLE JOHN KEMP 3609 UNIVERSITY ST MTL CHAPMAN CAMP B C	MD CM 2 LA 6307
POOLE NORMAN LESLIE DOUGLAS HALL BRYSON PONTIAC CO QUE	MD CM 1
POOLE WILLIAM ERIC 5704 LAURENDEAU ST COTE ST PAUL QUE	B SC 4 HE 2172
POORAN RAMKISSOON H 3541 SHUTER ST APT 9 MTL REFORM SAFERNANDO TRINIDAD B W I	B SC 1 MA 9504
POPE ALEXANDER C 4088 HINGSTON AVE N D G MONTREAL QUE	B COM 1 WA 8739
POPE SHIRLEY E 3769 MARLOWE AVE N D G MONTREAL QUE	B L S 1 DE 8503
POPHAM JAMES HALL 26 ABERDEEN AVE MTL 347 SECOND AVE OTTAWA ONT	M SC 1 FI 8200
POPLOVE MYRON 4503 MELROSE AVE N D G MONTREAL QUE	M SC 2 WA 8044
POREE ONEIL ALPHONSE 5748 CHAMPLAIN BLVD VERDUN QUE	GRAD QUAL 1 HE 7475
PORRITT NANCY FRANCIS R V C C O NORANDA MINES LTD NORANDA QUE	B SC 3 UN 0069
PORTEOUS JOHN T I 3063 CEDAR AVE MONTREAL QUE	B A 1 FI 8253
PORTEOUS MARY LOUISE MACDONALD COLLEGE BOX 68 LUCKNOW ONT	B SC H EC 3
POTTS RONALD SARGENT 3637 UNIVERSITY ST MTL 164 JEFFERSON ST PULOSKI N Y U S A	MD CM 1
PORTEOUS RICHARD D 4256 ROYAL AVE MONTREAL 28 QUE	B ENG MCH 3 DE 7436
PORTER DOROTHY JEAN MACDONALD COLLEGE BISHOPTON QUE	B SC AGR 4
PORTER JAMES ISIDORE 2031 CITY COUNCILLORS MONTREAL QUE 23 MAPLE AVE GREENWICH CONN U S A	MD CM 3 HA 5851
POSER FELIX ARNO MACDONALD COLLEGE 200 DUFFERIN ST GRANBY QUE	B SC AGR 1
POSTLE JOANNE R V C EAST SULLIVAN MINE VAL D OR QUE	B SC 1
POSTNER ALICE SADIE 729A BLOOMFIELD AVE OUTREMONT QUE	MUS B 2 CA 4201
POSTNER HARRY HASKELL 729A BLOOMFIELD AVE OUTREMONT QUE	B SC 3 CA 4201

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NAME ADDRESS	COURSE & YEAR TEL. NO.
POTTER THELMA IRENE 3660 LORNE CRESCENT APT 23 MONTREAL QUE BOX 32 CLEMENTSVALE ANNA CO NOVA SOCITA	GR N CERT 1 HA 9779
POUNDER JACK ALBERT 3590 ST JOSEPHS ST LACHINE QUE	B SC 4
POVILAITIS BRONYS MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 2
POW ANN PATON 441 ARGYLE AVE WESTMOUNT QUE	B SC 1 WI 8720
POWELL CYNTHIA 1558 MCGREGOR ST MONTREAL 25 QUE	B A 4 WI 9411
POWELL RUTH R V C 144 KENT PLACE BLVD SUMMIT N J U S A	B SC 2
POWELL RUTH MARIAN R V C KERMAN AVE GRIMSBY ONT	B SC P E 3 UN 0217
POWER BERTIN THOMAS 3419 DRUMMOND ST MTL 22 ROBERVAL ST QUEBEC CITY QUE	B ENG EL 4
POWIS ALFRED 389 METCALFE AVE WESTMOUNT QUE	B COM 4 F 8256
POWLES PERCIVAL M 473 PRINCE ARTHUR ST MONTREAL QUE ★GG	B A 4 BE 5346
POWSETTE MARGARET J MACDONALD COLLEGE THE SERAGLID SULTAN ONT	B SC H EC 3
POWTER CHARLES B 234 ST ANNES ST ST ANNE DE BELLEVUE QUE	B A 1
POXON JACQUELINE D 6810 MONKLAND AVE N D G MONTREAL 28 QUE	B A 1 EL 3480
POZNANSKI ANDREW 2 OLDFIELD AVE APT 9 MONTREAL 25 QUE	B SC 3 WI 1890
POZNANSKY JACK 5750 DARLINGTON AVE APT 8 MONTREAL QUE	D D S 2 AT 7816
PRAIRIE JACQUES 3485 CARTIER ST MONTREAL QUE	B ENG PHY 3 AM 5375
PRECHT FREDERICK C 1281 FOCH AVE VERDUN QUE	B ENG EL 4 TR 4952
PREISMAN SOPHIA 4209 ST URBAIN ST APT 6 MONTREAL QUE	B L S 1 UN 4737
PRENTICE JAMES D 3851 UNIVERSITY ST MTL BOX 2070 R R 5 VICTORIA B C	B SC 4 UN 0018
PRENTICE G A RONALD 391 37TH AVE LACHINE QUE ★G7	B SC 2
PREVILLE THOMAS D 1000 STROCH ST MONTREAL QUE	B COM 1 CA 5954
PREVOST ANDRE CHARLES 3786 LACOMBE AVE COTE DES NEIGES QUE	B COM 1 Ex 1462

NAME ADDRESS	COURSE & YEAR TEL. NO.
PREZIOSI FREDERICK 5731 JEANNE MANCE ST MONTREAL QUE	M ENG 1 CA 4101
PRICE JOHN DAVID E DOUGLAS HALL C O R L EVANS BISHOP S COLLEGE SCHOOL LENNOXVILLE QUE	MD CM 1 UN 0018
PRICE JOHN WYLAM 7449 CHAMPAGNEUR AVE MONTREAL 15 QUE	M A 1 VI 0416
PRIESTMAN HENRY L E 3473 UNIVERSITY ST MTL 260 CATHERINE ST OTTAWA ONT	B ENG CH 4 MA 4902
PRIMOMO JENE VICTOR 3581 DUROCHER MTL 490 DELAWARE AVE ALBANY N Y U S A	D D S 1
PRINGLE ROBERT GEORGE 5203 GLOBERT AVE MONTREAL QUE	B COM 1 EL 1043
PRITCHARD MARION A MACDONALD COLLEGE BLACK CAPE BONAO CO QUE	TCH INT 1
PRITCHARD GERALD IAN MACDONALD COLLEGE ALCOVE QUE	B SC AGR 3
PRITCHARD SHIRLEY H 35 BEVERLEY AVE TOWN OF MOUNT ROYAL QUE	B SC 4 AT 1756
PROCOPE NORRIS E M 3519 HUTCHISON ST MTL 3 ALEXANDRA ST PORT OF SPAIN TRINIDAD	B SC 3 MA 9912
PRODAN WALTER 3509 HUTCHISON ST APT 4 MONTREAL QUE	B ENG EL 4
PROTOPAPAS PETER 960 ST DENIS ST MONTREAL QUE	PARTIAL 0 BE 7621
PROULX DOROTHY ANN 5634 BOURBONNIERE AVE MONTREAL QUE	B A 0 CL 4449
PROVERBS MAURICE D MACDONALD COLLEGE R R 1 SUMMERLAND B C	PH D 4
PROWSE MARGARET S M 456 PINE AVE W APT 6 MTL R R 4 BRANDON MAN	GR N CERT 1 LA 5676
PRZYSIEZNIK WALTER 7775 DE L EPEE AVE MONTREAL QUE	B SC 1
PUDDICOMBE SARAH F 4335 MONTROSE AVE WESTMOUNT QUE	B A 1 WI 4027
PUDIFIN ARTHUR DONALD 5 MONTE CASSINO CRT WINNIPEG MAN	B SC 4
PUHVEL JAAN 1707 SPRINGLAND AVE MONTREAL 20 QUE	B A 4 HE 5636
PUHVEL MARTIN 1707 SPRINGLAND AVE MONTREAL 20 QUE	B A 2
PUISTONEN VEIKKO 1431 DRUMMOND ST MTL 136 4TH AVE NORANDA QUE	B COM 3
PULLAR WILLIAM JAMES 475 PINE AVE W MTL 2909 WOLFE ST CALGARY ALTA	B COM 1 PL 3339

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NAME ADDRESS	COURSE & YEAR TEL. NO.
PULRANG PETER CURRAN 2115 MAPLEWOOD AVE MTL 6 DE LAVAN TERRACE YONKERS N Y U S A	MD CM 4 Ex 0751
PUMP KARL K 1120 BERNARD ST OUTREMONT QUE 5550 KINGSTON RD VANCOUVER B C	MED DIPL 3 CR 6161
PURCELL KATHERINE J MACDONALD COLLEGE 4335 BENNY AVE N D G MONTREAL QUE	B SC H EC 4
PURTON MAUREEN 3495 SIMPSON ST MONTREAL QUE	PARTIAL 0 FI 1423
PURVIS JOHN LINES 3655 OXENDEN AVE MTL 30 WAYSIDE PLACE MONTCLAIR N J U S A	B SC 3 MA 3014
PUTTERMAN PAULINE 43 PERREAULT AVE ST ANNE 5394 ESPLANADE AVE MONTREAL QUE	TCH ELEM 1
PUVREZ MARGUERITE R 5582 GATINEAU AVE APT 14 MONTREAL QUE	B SC 3 Ex 4132
PUVREZ MARIE G 5582 GATINEAU AVE APT 14 MONTREAL QUE	B A 4 Ex 4132
PUVREZ MARIE F 5582 GATINEAU AVE APT 14 MONTREAL QUE	B SC 2 Ex 4132
PYE BRIAN EDWIN 115 HAVELOCK AVE OTTAWA ONT	B ARCH 4
PYNE RUPERT JAMES K MACDONALD COLLEGE BOX 606 COATICOOK QUE	D D S 4

Q

QUAIN JOHN HAMILTON 3434 MCTAVISH ST MTL KINGSMERE QUE	B C L 1 PL 4492
QUAIN REDMOND C H 3434 MCTAVISH ST MTL KINGSMERE QUE	B C L 1 PL 4492
QUASTEL MICHAEL R 3488 NORTHCLIFFE AVE N D G MONTREAL QUE	B SC 2 WA 3475
QUERIDO JOHN CHARLES 1442 STANLEY ST MTL 297 BESSERER ST OTTAWA ONTARIO	B ENG MCH 5
QUESNEL LEON GASTON 5415 PARK AVE APT R MONTREAL QUE	B ENG 1 DO 8431
QUINCE CLIFFORD JOHN 7568 OUTREMONT AVE MONTREAL 15 QUE	B ENG EL 4 TA 4218
QUINN LIONEL ARTHUR 6385 11TH AVE ROSEMOUNT MONTREAL QUE	B ENG 2 CA 8678
QUINT BETTY SHEILA 1540 LAJOIE AVE OUTREMONT QUE	B A 1 TA 2731
QUIRK KEITH CASTLE 3561 HUTCHISON ST MTL 40 BURNSIDE DR TORONTO ONT	MD CM 3 LA 0564

R

RABIN MARTIN JEFFREY 4750 MERIDIAN AVE MONTREAL 6 QUE	B A 2 WA 9584
RABINER DEVORAH R V C 10050 114TH ST EDMONTON ALBERTA	P A 1
RABINER FRANCES MACDONALD COLLEGE 100 TOUR DE LAC STE AGATHES DES MONTS QUEBEC	TCH ELEM 1
RABINOVITCH ISAAC S 758 DAVAAR AVE OUTREMONT QUE	B COM 2 CR 4769
RABINOVITCH JACK 4664 CLARK ST MONTREAL QUE	B A 3 MA 8255
RABINOVITCH MOSES 3548 HUTCHISON ST APT 5 MONTREAL QUE	P ENG CH 5
RABINOWITZ HERBERT S 3531 SHUTER ST MTL 1437 w 8 ST BKLYN 4 NEW YORK U S A	PH D 1 LA 3193
RACE DAVID HUMPHREY 1558 STANLEY ST APT 61 MONTREAL QUE 25 NEWLANDS RD DARLINGTON ENGLAND	B ENG 2 PL 5471
RACEY MARGARET M 468 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B A 4 Ex 6798
RACICOT ROLAND W CHURCH ST CHATEAUGUAY VILLAGE QUE BALDWIN & MILLS COATICOOK QUE	B C L 3
RACKLIFFE ROBERT L 932 25TH AVE LACHINE 45 ELBRIDGE RD NEW BRITAIN CONN U S A	MD CM 3
RACKOW ALAN DAVID 2170 LINCOLN AVE MTL 91 BALMORAL PLACE WINNIPEG MAN	M ENG 1 WE 0068
RADCLIFFE GERALD L 305 BALLANTYNE AVE N MONTREAL WEST QUE	B COM 3 WA 6231
RADLEY ELIZABETH ANN 4250 SHERBROOKE ST W APT 12 WESTMOUNT QUE	B A 2 WI 4036
RAETHER EVERETT E 4376 ROYAL AVE MTL WHITEFIELD NEW HAMPSHIRE U S A	B SC 1
RAGINSKY BRUCE T 4891 ISABELLA AVE MONTREAL QUE	B ENG MCH 3 AT 7614
RAGINSKY ROSLYN C 4891 ISABELLA AVE SNOWDON MTL QUE	B SC P E 1 AT 7614

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NAME ADDRESS	COURSE & YEAR TEL. NO.
RAICH HAROLD 5418 GROVE HILL PL N D G MONTREAL QUE	B COM 4 WA 3184
RAIDER ALEX 5318 SNOWDON AVE APT 32 MONTREAL QUE	B C L 3 EL 7078
RAINROW GRAHAM G 3605 UNIVERSITY ST MTL SPRUCE LODGE ST MARGUERITE STA QUE	B COM 2 LA 0643
RALLY CHARLES ROBERT 1476 CLOSSE ST MTL 2525 YORK AVE VANCOUVER B C	MD CM 3 WI 6707
RALPH ARTHUR 93 ST JOSEPH ST APT 2 DORVAL QUE	PH D 4
RAMAN ELOHIM 3650 OXENDEN AVE APT 6 MONTREAL QUE EDIF CONDESA X 2 ESQ A MELGAR YMAZATLAN MEXICO 11 D F MEXICO	B A 2 BE 4004
RAMAN RADHA KRISHNAN 3420 DRUMMOND ST MTL MR K K RAMAN SESHASAYEE BROTHERS LTD TRICHINOPOLY MADRAS IND	B ENG CH 3 BE 9680
RAMIREZ ALBERTO M 2476 MARIETTE AVE MTL DIRIAMBA CARAZO NICARAGUA C A	B ARCH 3 DE 8328
RAMLOGAN KRISHNA 2048 METCALFE ST MTL TUNAPUNA TRINIDAD B W I	B SC 3
RAMMUS HARRY 3429 DE BULLION ST MONTREAL QUE	B SC 2 LA 7288
RAMNARINE DEO R 3523 LORNE AVE RM 7 MTL 3A AMBARD ST SAN FERNANDO TRINIDAD	B SC 1 LA 0678
RAMSAY ALISTAIR M 498 ARGYLE AVE WESTMOUNT CRESCENT AVE TAREE N S W AUSTRALIA	B SC P E 3
RAMSAY ALLAN GEORGE ROYAL VICTORIA HOSP MTL 197 RIDOUT ST S LONDON ONT	MED DIPL 2 PL 1251
RAMSAY JANE GRAHAM 1620 PINE AVE MONTREAL QUE	B A 3 WI 4370
RAMSAY JOAN AUDREY 4546 WILSON AVE N D G MONTREAL QUE	B A 1 DE 9100
RAMSAY MARY MADELEINE 452 LANSDOWNE AVE WESTMOUNT QUE	B A 3 EL 8480
RAMSDALE SHIRLEY I 2205 LINCOLN AVE APT 4 MONTREAL QUE 162 MAPLE AVE HAMILTON ONT	M S W 2
RAMSEY COLIN GEORGE 343 OLIVIER AVE WESTMOUNT QUE	MED DIPL 2 WI 3670
RAMSEY PAULINE MARY 1496 MOUNTAIN ST MONTREAL QUE	B SC P E 4 PR 2675
RAMSHAW WALTER JOHN 1450 MCGILL COLLEGE AVE MONTREAL QUE 229 PORTOBELLO ST HULL YORKS ENGLAND	B A 1 PL 3670
RATHWELL IVAN M ARUNDEL QUE	B ENG 1
RATHWELL OWEN L MACDONALD COLLEGE ARUNDEL QUE	AGR DIP 1
RATNER JACK THEODORE 1539 LAJOIE AVE OUTREMONT QUE	MD CM 1 DO 6923
RATTRAY DENYSE 33 REGENT AVE GREENFIELD PARK QUE	B SC 1
RAVARIS CHARLES L 3567 GIROUARD AVE MONTREAL QUE	PH D 1 WA 9757
RAYMOND ADELARD 3509 REDPATH ST MONTREAL 25 QUE	B ENG 1 PL 2444
RAYMOND CHARLES W WILSON HALL CONNELL ST WOODSTOCK N B	B A 4
RAYMOND MARGARET E R V C 1051 RICHMOND ST LONDON ONT	B A 2
READ CHARLES STEWART MACDONALD COLLEGE COLEMAN P E I	M SC 1
RAND CHARLES GORDON 4062 UNION BAY CIRCLE SEATTLE 5 WASH U S A 260 METCALFE ST OTTAWA ONT	MED DIPL 4
RANDALL JOHN THOMAS 5215 VICTORIA AVE APT 8 MONTREAL QUE 2403 BATH ST SANTA BARBARA CALIF USA	MD CM 1 EX 7235
RANDOLPH ROSLYN ANN 49 PAGNUELO AVE OUTREMONT QUE	B A 1 DO 0718
RANKIN LACHLAN A MACDONALD COLLEGE HUNTINGDON QUE	AGR DIP 1
RANKINE DOUGLAS H G WILSON HALL 190 GERMAIN ST SAINT JOHN N B	B ENG CH 5
RANSOM WILLIAM VIVIAN 2256 SOUVENIR ST MONTREAL QUE	B ENG MI 4 FI 8248
RAO KISHEN BAPOJE MACDONALD COLLEGE 390 VITHALWADI WARYANGUDA HYDERALAD INDIA	PH D 2
RAPHAEL HAROLD 2718 SOISSONS AVE MONTREAL QUE	B COM 1 AT 2097
RAPHAEL JAMES C 521 PRINCE ARTHUR W MTL 3147 CLAREMONT AVE BERKELEY 5 CALIF U S A	MD CM 2 HA 1839
RAPOPORT HARRY 4265 ST URBAIN ST APT 5 MONTREAL QUE	B ENG 1 BE 7837
RASHKOVAN ERNEST J 4681 EARNSCLIFFE AVE MONTREAL QUE	B C L 2 EL 0731
RASKIN IRVING HAROLD 5320 CASGRAIN AVE MONTREAL QUE	B COM 1 GR 3700
RASMUSSEN OLAF S 632 BELMONT AVE MTL 3 HAYCH AVE PURLEY SURREY ENGLAND	B COM 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
★68	
READ DEANE CARRUTHERS MACDONALD COLLEGE R R 3 SUMMERSIDE P E I	B SC AGR 4
READ EMMA CHRISTIANNA 456 PINE AVE APT 3 MTL R R 2 DUNROBIN ONT	GR N CERT 1 LA 6756
READ GORDON ARMSTRONG 5387 BOURRET AVE MONTREAL 29 QUE	B ENG CI 3 AT 5127
READ KENNETH CHARLES 5387 BOURRET AVE MONTREAL 29 QUE	B ENG 2 AT 5127
READ KENNETH RICHARD 2070 UNIVERSITY ST MTL 86 WESTBOURNE RD PENARTH GLAM WALES	M B SC 2
READ SYLVIA BLOSSOM R V C 238 ISLAND PARK DR OTTAWA ONT	B A 2 UN 0097
REBOLLEDO MANUEL DOUGLAS HALL CALLE 5A NORTE 1 71 CALI COLOMBIA S A	B SC 4 UN 0277
REDDON PHILIP ROBERT 153 PERCIVAL AVE MONTREAL WEST QUE	D D S 3 WA 1882
REDGELL ALFREDA S 5346 COOLBROOK AVE MONTREAL QUE	PHYSIOTH 1 DE 9024
REED JAMES MEDILL 3611 HUTCHISON ST MTL 154 NORTHWEST ST FARMINGTON ILL U S A	MD CM 1 LA 6644
REED MARGARET ANGELA 23 SOURCES RD STRATHMORE QUE	B SC 2
REEDER STEWART WILLIS MACDONALD COLLEGE R R 3 SALISBURY N B	B SC AGR 4
REESE LIONEL R V H 1847 CROMPOND RD PEEKSKILL N Y U S A	MED DIPL 1
REEVES GEORGE CLIVE MACDONALD COLLEGE SENNEVILLE QUE	AGR DIP 1
REEVES RENE 837 HARTLAND AVE OUTREMONT QUE	B ENG PHY 5
REEVES ROBERT LYLE 4094 GIROUARD AVE N D G MONTREAL QUE	B COM 3 DE 9283
REEVES ROBERT S 425 PRINCE ARTHUR ST MTL COLUMBIANA OHIO U S A	MD CM 1
REFORD SONJA K 6 REDPATH PLACE MONTREAL QUE	B A 3 MA 7385
REGEHR HULDA 3464 HUTCHISON ST MTL ROSTHERN SASK	PH D 2 MA 5109
REGENSTREIF MARALYN 24 JOYCE AVE OUTREMONT QUE	B A 1 TA 6868
REICH EDWARD 4885 ST CATHERINE RD APT 14 MONTREAL QUE	B SC 4 AT 6422
REICH LIONEL ARTHUR 737 HARTLAND AVE OUTREMONT QUE	B F A 1 AT 8071
REICHER ELLEN 4453 ESPLANADE AVE MONTREAL QUE	B A 3 HA 0709
REID ALBERT RICHARD 2047 VENDOME AVE MTL P O BOX 603 NORTH SYDNEY N S	PH D 2 EL 4622
REID ALLAN ARCHIBALD 832 HARTLAND AVE OUTREMONT QUE	B COM 2 AT 2270
REID DONALD MAYLOR 5259 PONSARD AVE MONTREAL QUE	B COM 1 EL 1212 7
REID FERDINAND T JR DOUGLAS HALL 211 WEST 138TH ST N Y 30 N Y U S A	MD CM 1
REID EDMUND WALLACE 457 STRATHCONA AVE WESTMOUNT QUE	B A 4 DE 3135
REID EDYTHE ANN R V C 65 PARK STREET CORNER BROOK NFLD	B SC P E 3 UN 0217
REID FREDERICK ALLAN 557 ROSLYN AVE WESTMOUNT QUE	B COM 1 WA 2167
REID GERALD MCLEAN 630 KENASTON AVE TOWN OF MOUNT ROYAL QUE	B ENG 1 EX 0737
REID GORDON DONALD 2047 UNION ST MTL 363 FIFTH AVE OTTAWA ONT	B ENG CI 5
REID JEREMY THOMAS 457 STRATHCONA AVE WESTMOUNT QUE	B ENG MCH 3 DE 3135
REID KENNETH STUART 5928 CLANRANALD AVE MONTREAL QUE	B ENG MCH 5 AT 8074
REID RICHARD JAMES 3600 ROSEMOUNT BLVD ROSEMOUNT MONTREAL QUE	B ENG MCH 5 HO 3636
REID TERENCE JOHN 3431 DRUMMOND ST MONTREAL QUE	B ARCH 2 PL 3616
REIMER FRIESEN HELENA 2095 LINCOLN AVE APT 4 MONTREAL QUE	B N 2 WI 5383
REINHARZ CECILE MACDONALD COLLEGE 5017 GROSVENOR AVE SNOWDON MTL QUE	TCH ELEM 1
REISLER HYMAN 4467 HENRI JULIEN AVE MONTREAL QUE	M SC 1 PL 2051
REITER WILLIAM R 74668 CLARK ST MONTREAL QUE	B ARCH 2 LA 5444
RENAUD CLAUDE GUY 492 BLVD DES PRAIRIES LAVAL DES RAPIDES QUE	B ENG CI 5
RENAUD GILLES YVES 7227 DE GASPE AVE MONTREAL QUE	B C L 1 TA 7456
RENDELL FLORA CLIFT MACDONALD COLLEGE 93 MILITARY RD ST JOHN S NFLD	B SC H EC 4
RENNIE GEORGE SMITH 6517 3RD AVE ROSEMOUNT MONTREAL QUE	D D S 3 TA 7987
RENWICK DONALD G 312 BROCK AVE N MONTREAL WEST QUE	B COM 2

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NAME ADDRESS	TEL. NO.	COURSE & YEAR
RENWICK IAN DOUGLAS 312 BROCK AVE N MONTREAL WEST QUE	DE 9617	B ENG MCH 5
RENWICK MURIEL N 287 EAST 19TH AVE VANCOUVER B C		GR N CERT 1
REOCH MARY LOUISE 5590 N D G AVE N D G MONTREAL QUE	EL 8040	B A 4
RESPITZ OSCAR 1945 BARCLAY AVE MONTREAL QUE	EX 1534	B A 4
RESZETNIK MARTIN S P WILSON HALL 125 WALTER ST KITCHENER ONT		B ENG CI 3
RESANOVIC SINISA 1169 MOUNTAIN ST MONTREAL QUE		B SC 3
REUSING ANDREW WILSON 46 BELVEDERE PLACE WESTMOUNT QUE	FI 6005	B COM 1
REVILLA LOUIS DANIEL 6630 ESPLANADE AVE MONTREAL QUE		B COM 4
REY LOUIS 541 CHURCH AVE VERDUN QUE ★69	TR 8472	B ENG 2
REYNOLDS JOSEPH K 11 BURTON AVE WESTMOUNT QUE	DE 0373	B C L 2
REYNOLDS LAURA W R V C 334 HAMMOND ST CHESTNUT HILL MASS U S A		B SC 1
REYNOLDS ROGER JAY 237 MOUNT VERNON AVE MONTREAL WEST QUE	WA 1254	B SC P E 1
RHEA LAWRENCE DAVID 1620 CEDAR AVE MONTREAL QUE	FI 6968	B A 3
RHODES BRIAN W MACDONALD COLLEGE 70 ST CHARLES RD GREENFIELD PARK QUE		B SC AGR 1
RICE ELWOOD JOHN 3474 MCTAVISH ST MTL 16 FIFTH ST E CORNWALL ONT		B ENG 2
RICE MARGARET P J 555 SHERBROOKE ST WEST MONTREAL QUE		B F A 3
RICE NORMAN ERNEST MACDONALD COLLEGE 167 DAWLISH AVE TORONTO 12 ONT		B SC AGR 3
RICH AUDREY PATRICIA 406 PINE AVE ST LAMBERT 369 E BROCK ST FORT WILLIAM ONT		M B SC 4
RICH JOSEPH HENRY 4089 OXFORD AVE N D G 195 PARK ST MONCTON N B	DE 0732	PARTIAL 0
RICHARD JOSEPH N 5676 JEANNE MANCE ST MTL 30 BERARD ST DRUMMONDVILLE QUE	GR 0243	B SC 2
RICHARD MAURICE 4563 ESPLANADE AVE MTL 1663 NOTRE DAME ST THREE RIVERS QUE	BE 6766	B COM 2
RICHARD ROGER PAOLO 3818 DROLET ST MONTREAL QUE	RE 4682	B F A 2
RICHARDS BARBARA G MACDONALD COLLEGE 4630 BELMORE AVE N D G MONTREAL QUE		TCH ELEM 1
RICHARDS DONALD PATZ 3851 UNIVERSITY ST MTL 39 SUNSET TERRACE WEST HARTFORD CONN USA	HA 7140	B SC 1
RICHARDS HARRY 1431 DRUMMOND ST APT 1 MONTREAL QUE 126 NORANDA ST W ROUYN QUE	MA 0329	B COM 2
RICHARDS JACQUELINE MACDONALD COLLEGE 235 MCMANAMY ST SHERBROOKE QUE		TCH ELEM 1
RICHARDS JOHN EDWIN 63 WESTMINISTER AVE MTL 48 CORNWALL CRES ST JOHN S NFLD		B COM 3
RICHARDS ROBERT P 6061 DUROCHER AVE OUTREMONT QUE		B SC AGR 1
RICHARDS WILLIAM L 66 NEPTUNE BLVD STRATHMORE QUE		D D S 3
RICHARDSON ARTHUR J 33 BEDFORD CRESC MANOR PARK OTTAWA ONT		M A 1
RICHARDSON BENJAMIN 392 WILLIBROD AVE VERDUN C O T A PARKER R R 2 VIA ARUNDEL QUE	YO 7991	B SC 4
RICHARDSON CAROL J MACDONALD COLLEGE 715 PARKDALE AVE OTTAWA ONT		B SC H EC 2
RICHARDSON KATHERINE 633 UNDERHILL PLACE MTL P O BOX 515 SACKVILLE N B	MA 7874	GR N CERT 1
RICHARDSON MARY H R V C 2733 SOMASS DRIVE VICTORIA B C ★70	UN 0217	B SC P E 4
RICHARDSON NIGEL H DOUGLAS HALL MILWYN WOODBOURNE AVE PEMBROKE BERMUDA	UN 0018	B A 4
RICHARDSON YVONNE MACDONALD COLLEGE EXPERIMENTAL FARM LENNOXVILLE QUE		TCH ELEM 1
RICHER JACK 784 STUART AVE OUTREMONT QUE	CA 7746	B COM 3
RICHER RUTH CECILE 3780 COTE ST CATHERINE APT 14 MONTREAL QUE	WI 4M3SC EX 7001	2
RICHMOND MARY LEWIS 3578A PEEL ST MTL 3280 SCHOOL RD VANCOUVER B C	HA 7801	B N 2
RICHSTONE BARBARA 5077 VICTORIA AVE MONTREAL QUE	EX 9138	B COM 1
RICHTER MAXWELL 5322 ESPLANADE AVE MONTREAL QUE	VI 5468	B SC 1
RIDDELL ELIZABETH M 3578A PEEL ST MTL MRS F SACHO CUMBERLAND ONT	GR N CERT 1 HA 7801	

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NAME ADDRESS	COURSE & YEAR TEL. NO.
RIDDELL MARIANNE A 2050 CLAREMONT AVE APT 14 MONTREAL QUE 126 STANLEY AVE OTTAWA ONT	B L S 1 WA 2459
RIDEOUT CHESTER F BOX 141 MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE	MD CM 3
RIDER MARTHA RUSSELL MACDONALD COLLEGE 100 DUFFERIN RD VALLEYFIELD QUE	B SC H EC 2
RIENDEAU JOSEPH F 6883 HURTEAU ST MONTREAL 20 QUE	B ENG MET 4
RIESZ GEORGE 4307 ESPLANADE AVE MONTREAL QUE	B A 2 MA 5094
RIGGS BENJAMIN GEORGE 306 ST JOSEPH BLVD E MTL GRAND BANK NFLD	D D S 1 LA 6368
RIGLER IRVING H 4397 GRAND BLVD APT 3 N D G MONTREAL QUE	B ENG CI 5 EL 1067
RILEY DRUSILLA DRAKE 3432 PEEL ST APT 202 MTL HUDSON HEIGHTS QUE	M S W 2 MA 8594
RILEY GEORGE C DOUGLAS HALL HUDSON HEIGHTS QUE	M SC 2 LA 9545
RILEY IRMA KATHLEEN 2217 CLIFTON AVE N D G MONTREAL QUE	GR N CERT 1 DE 5282
RINFRET CHARLES B MACDONALD COLLEGE 1530 BERNARD AVE W OUTREMONT QUE	B SC AGR 4
RINGROSE LYONS M 1403 GALT ST MTL BOX 297 TEMISKAMING QUE	D D S 1 HA 7467
RINGUET PIERRE 1259 BISHOP ST MTL 202 RUE SAINT JOSEPH LA TUQUE QUE	B SC 2 PL 4940
RIORDON PETER H 4086 COTE DES NEIGES RD MONTREAL QUE	PH D 2 FI 1045
RIORDON RODERICK C DOUGLAS HALL R R 1 DUNHAM QUE	B ENG 2
RIPLEY JAMES GORDON PRESBYTERIAN COLLEGE 83 CLARENDON AVE OTTAWA ONT	B ENG CI 3
RIPSMAN MICHAEL 838 WISEMAN AVE OUTREMONT QUE	B SC 2 CA 6927
RISSMAN HYMAN 2617 SOISSONS AVE MONTREAL QUE	B COM 2 AT 8313
RISSMAN MINNIE MACDONALD COLLEGE 2617 SOISSONS AVE MONTREAL QUE	TCH ELEM 1
RITCHIE CLAIRE W MACDONALD COLLEGE R R 1 BILLINGS BRIDGE ONT	B SC H EC 1
RITCHIE JOHN WILLIAM MACDONALD COLLEGE 4328 EARNSCLIFFE AVE N D G MONTREAL QUE	B SC AGR 4
RITTER ROBERTA 5275 DUROCHER ST OUTREMONT QUE	B A 2 CR 4086
RIVARD IRENEE MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	GRAD QUAL 1
RIVEN LILA 6321 DE VIMY AVE MONTREAL QUE	B S W 1 EX 9640
RIVET MARC GEORGES 542 PRINCE ARTHUR W MONTREAL QUE	MD CM 4 HA 8512
RIVKIN ANNE BEATRICE 3025 SHERBROOKE ST W APT 34A MONTREAL QUE 437 ALFRED AVE WINNIPEG MAN	B A 3 FI 8186
ROACH FRANK MACDONALD COLLEGE SUSSEX N B	AGR DIP 1
ROACH MARK 456 PINE AVE W APT 40 MONTREAL 18 QUE	MD CM 4 LA 5293
ROAN KATHLEEN MARY 868 ALNES ST MTL 123 BELLMAN AVE CONINICUT R I U S A	B SC 1
ROBAR ARTHUR C BOX 322 DIGBY N S	B SC P E 4
ROBAR BERTRAM WILLIAM 1736 GALT AVE COTE ST PAUL QUE	B ENG 1
ROBB JAMES ALEXANDER 690 SHERBROOKE ST W MTL R R 2 HUNTINGDON QUE	B A 4 LA 2244
ROBB JOHN LYNWOOD MACDONALD COLLEGE 559 WALPOLE AVE TOWN OF MOUNT ROYAL QUE	AGR DIP 1 AT 4961
ROBB KENNETH IVAN 28 45TH AVE LACHINE QUE	B ARCH 6
ROBB WILLIAM MARTIN 3485 MCTAVISH ST MTL HUNTINGDON QUE	B SC P E 1 BE 0426
ROBBINS HARRY ELWOOD MACDONALD COLLEGE MARILL P O P E I	B SC AGR 3
ROBBINS MAURICE A 9215 BERRI ST APT 7 MONTREAL QUE	B ENG EL 4 VE 5982
ROBERT RAYMOND R 1676 VAN HORNE AVE OUTREMONT QUE	B C L 1 CR 4038
ROBERT ELSTON A 360 51ST AVE LACHINE QUE	GRAD QUAL 1
ROBERTON CHARLES J 3875 RAMEZAY RD MONTREAL QUE	B ENG 1 FI 8981
ROBERTON JOHN J P 3875 RAMEZAY RD MONTREAL QUE	B ENG MCH 5 FI 8981
ROBERTON SONIA JEAN 36 EDGHILL RD MONTREAL QUE	B COM 1 WA 3967
ROBERTS CYNTHIA C 3940 COTE DES NEIGES 832 MONTREAL QUE	B SC 1 WE 3331
ROBERTS LAWRENCE M 4036 VENDOME AVE MONTREAL QUE	M B SC 4 EL 0889

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ROBERTS RENI R V C 1150 PARK AVE APT 16A NEW YORK CITY N Y U S A	B A 2 UN 0104
ROBERTS RICHARD C ROYAL BK OF CANADA PEEL & SHERBROOKE STS VILLAGE RD NASSAU BAHAMAS	B A 4
ROBERTS ROBERT E 3474 MCTAVISH ST MTL 2 COURTAULDS CORNWALL ONT	B SC 1
ROBERTS HENRY LAMAR 1704 DUNKIRK AVE TOWN OF MT ROYAL QUE	PH D 3 EX 6660
ROBERTSON IVAN LAURIE 3453 SHUTER ST MTL C O OLD AIRPORT CENTRE 12TH AVE & 6TH ST N E CALGARY ALTA	B SC P E 1 HA 0925
ROBERTSON J D PETER 3473 GREY AVE MONTREAL QUE	B A 2 EL 9526
ROBERTSON RODERICK 2089 AYLMER ST MTL 3025 FRASER ST VANCOUVER B C	PH D 2
ROBERTSON RONALD S 1563 MCGREGOR ST MTL 2025 LORNE ST REGINA SASK	B SC 3 FI 8302
ROBIC JEAN MARC 49 HAZELWOOD AVE OUTREMONT QUE	B SC 2 AT 3143
ROBILLARD EUGENE T FIELDHOUSE 325 THIRD AVE EASTVIEW ONT	B SC P E 3 PL 3332
ROBILLARD FRANCIS A 4566 WELLINGTON ST VERDUN QUE CAMPBELL S BAY QUE	MD CM 4 YO 6230
ROBINSON ARTHUR G MACDONALD COLLEGE 519 18TH ST BRANDON MANITOBA	M SC 1
ROBINSON DAVID N 3527 LORNE AVE MONTREAL QUE	B ARCH 2 MA 1956
ROBINSON F ANNE 2168 SHERBROOKE ST W MONTREAL QUE	B A 2 WI 9039
ROBINSON FRANCIS J 186 ST ELIZABETH ST LONGUEUIL QUE 47 JOLIET ST LACONIA N H U S A	MD CM 2
ROBINSON G GALER F 1525 ST MARK ST MTL 47 QUEEN ST GRANBY QUE	B ENG MCH 3 FI 7146
ROBINSON HAZEL M 1189 GUY ST MTL 59 WALTHAM PK RD H W T JAMAICA B W I	B SC 4 WI 6970
ROBINSON HERBERT W 1189 GUY ST MONTREAL QUE	B SC 1 GL 3252
ROBINSON JAMES A 3439 SHUTER ST MTL 329 WAVERLEY ST PORT ARTHUR ONT	B COM 1 BE 0017
ROBINSON JOHN ALAN B 3485 MCTAVISH ST MTL 1252 RETALLACK ST REGINA SASK	D D S 2 BE 0424
ROBINSON JONATHAN J 36 FORDEN CRESCENT WESTMOUNT QUE	B C L 2 EL 7177
ROBINSON JOSEPH E 1018 SHERBROOKE ST W MTL 7500 DE LANAUDIERE ST APT 36 MONTREAL QUE	M SC 2
ROBINSON MARTIN C WILSON HALL 3000 15TH AVE REGINA SASK	B SC 2
ROBINSON PETER E 209 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B COM 3 AT 1652
ROBINSON REGINALD A 418 PRINCE ARTHUR ST MTL R R 1 GREENLAY QUE	B COM 2 HA 8568
ROBINSON ROBERT 4935 QUEEN MARY RD APT 5 MONTREAL QUE	B COM 2 EX 2127
ROBINSON WARREN S 1189 GUY ST MTL 1 CENTRAL AVE REST PEN HALF WAY TREE JAMICA BWI	D D S 1 WI 6970
ROBITAILLE MIRIAM F 4352 KING EDWARD AVE N D G MONTREAL QUE	B A 4 DE 3151
ROBSON LILY BEATRICE 1490 SHERBROOKE ST W APT 5 MONTREAL QUE THE COTTAGE BASHERVILLE SONNING COMMON NR READING BERKS ENG	M A 1 WI 1906
ROCHERTER FAYE H R V C 15 MONKLAND AVE OTTAWA ONT	B SC P E 3 UN 0217
ROCHON VICTOR JR 1320 CRAWFORD BRIDGE AVE VERDUN QUE	B ENG 2
ROCKWELL DUDLEY B 542 PRINCE ARTHUR ST W MONTREAL QUE 800 EDISON AVE SUNNYSIDE WASH D C U S A	MD CM 1 HA 8512
RODGER MARGARET ANN R V C 602 RUBIDGE ST PETERBOROUGH ONT	B F A 3 UN 0158
RODMAN HYMAN 5470 ST URBAIN ST MONTREAL 14 QUE	B A 3 CR 7454
RODNEY SYLVIA C R V C FORT SASKATCHEWAN ALBERTA	B A 3
ROE SHIRLEY ANNE MACDONALD COLLEGE 345 PINE AVE ST LAMBERT QUE	B SC H EC 2
ROEDDE WILLIAM A 3451 SHUTER AVE APT 5 MONTREAL QUE	B L S 1
ROGERS CHARLES G MACDONALD COLLEGE 84 HILLSBORO ST CHARLOTTETOWN P E I	B SC. AGR 3
ROGERS MARGARET I R V C 1789 MATTHEWS AVE VANCOUVER B C	B A 1 UN 0038
ROGERS ROY ROCKLIN 968 ST MARGUERITE ST MONTREAL QUE	B ENG CH 5 WE 3184

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NAME ADDRESS	TEL. NO.	COURSE & YEAR
ROGERS SHEILA M 605 LANSDOWNE AVE WESTMOUNT QUE	WA 3076	B A 2
ROHR MARTIN 755 BLOOMFIELD AVE OUTREMONT QUE		B COM 3
ROHRLICH ESTELLE ANN 522 MCEACHRAN AVE OUTREMONT QUE	GR 9296	B A 4
ROHRLICH MORRIE 522 MCEACHRAN AVE OUTREMONT QUE	GR 9296	B F A 3
ROLIAN JAN J 4370 GRAND BLVD MONTREAL QUE	EL 0910	PH D 2
ROLLAND JOHN 455 MOUNT PLEASANT AVE WESTMOUNT QUE	FI 1838	B COM 2
ROMAINE VICTOR 79 SOMERVILLE AVE MTL 958 SO COAST BLVD LA JOLLA CALIF U S A	EL 9650	M A 2
ROMCKE ROBERT GEORGE C O STANLEY BAKER SUMMERSIDE P E I		D D S 3
ROMEP GABRIELLE 495 PRINCE ARTHUR ST W MONTREAL QUE	PL 1405	B F A 4
RONALD KEITH MACDONALD COLLEGE HIGH TOLL PENNARD PARKMILL GOWER GLAMORGAN WALES		B SC AGR 2
RONCARELLI EDWARD 4000 COTE ST CATHERINE MONTREAL QUE	EX 3920	B A 2
ROONEY CLARENCE E S 417 PRINCE ARTHUR ST MTL 314 QUEENSTON ST WINNIPEG MAN	MA 9038	PH D 3
ROOS EVA 371 REDFERN AVE WESTMOUNT QUE	WI 0128	B A 2
ROOT MARJORIE EDRIS 20 DE CASSON RD WESTMOUNT QUE	FI 2271	B A 4
ROPER PETER GIBSON 394 ROSLYN AVE WESTMOUNT QUE	DE 4445	B ENG 2
ROPER RICHARD BROOKS 3445 PEEL ST MTL LABYRINTH JAMAICA B W I	HA 9462	M SC 1
ROSE FRANK GILBERT 421 PRINCE ARTHUR ST W MONTREAL QUE TIGER ARIZONA U S A	HA 1503	B ENG CH 4
ROSE GORDON ELIZABETH 3432 PEEL ST APT 202 MTL 1786 OBLIGADO BUENOS AIRES ARGENTINA	MA 8594	M A 2
ROSE JOHN LAWRENCE 4861 BARCLAY AVE APT 7 MONTREAL QUE 21 B AVE NORANDA QUE		B ENG CI 4
ROSE JOHN ARTHUR M MACDONALD COLLEGE STANSTEAD QUE		B SC AGR 1
ROSE RAYMOND GILLIES 66 DORCHESTER ST E MTL 3450 DECARIE BLVD N D G MONTREAL QUE	PL 7751	MED DIPL 2
ROSE STUART WALCOTT 416 GROSVENOR AVE WESTMOUNT QUE	WA 7018	MED DIPL 3
ROSEBOROUGH BARRY W FIELD HOUSE 857 HOME ST WINNIPEG MAN		B SC P E 1
ROSEMARIN FRANKEL A 4825 COTE ST CATHERINE APT 1 MONTREAL QUE	EX 5994	M S W 2
ROSEN BARBARA 67 NELSON AVE OUTREMONT P QUE	DO 5291	B A 3
ROSEN BARBARA 2048 MAPLEWOOD AVE APT 2 MONTREAL 26 QUE	AT 2134	B S W 1
ROSEN BERNARD 77 WINDSOR AVE WESTMOUNT QUE	WA 8442	B ENG 1
ROSEN CARL 4903 ISABELLA AVE MONTREAL QUE	EX 3152	B COM 1
ROSEN HAROLD JACOB MTL NEUROLOGICAL INST 6557 TRANS ISLAND AVE MONTREAL QUE	PL 1851	MED DIPL 3
ROSEN HARRY 4123 ST URBAIN ST MONTREAL QUE	LA 7874	D D S 2
ROSEN LEONARD 2816 WILLOWDALE AVE MONTREAL QUE	AT 1023	B COM 2
ROSEN NEYSA F 2048 MAPLEWOOD AVE MONTREAL QUE	AT 2134	B A 4
ROSEN SEYMOUR ABRAHAM 2043 SHERBROOKE ST W APT 10 MONTREAL QUE 3525 ROCHAMBEAU AVE THE BRONX 67 N Y USA	BE 7102	B SC 3
ROSENBAUM PETER 4347 WESTMOUNT AVE WESTMOUNT QUE	EL 8351	MD CM 1
ROSENBAUM SYDNEY 1564 DUCHARME AVE MTL 1761 60TH ST BROOKLYN N Y U S A	CA 4100	B COM 4
ROSENBERG FLORA 53 MOUNT ROYAL W MONTREAL QUE	BE 2235	B A 4
ROSENBERG GILBERT M 3782 GREY AVE N D G MONTREAL QUE	DE 9759	B COM 1
ROSENBERG KENNETH S 5957 JEANNE MANCE ST MONTREAL QUE	DO 6719	B A 2
ROSENBERG LILY BEA MACDONALD COLLEGE 7957 QUERBES AVE MONTREAL QUE		PARTIAL 0
ROSENBERG SHIRLEY C 1526 CRESCENT ST MONTREAL QUE	LA 1618	B A 2
ROSENBLOOM HARVEY 369 BLOOMFIELD AVE OUTREMONT QUE	TA 5767	B COM 3
ROSENFELD HERBERT H 1375 GREEN AVE APT 11 WESTMOUNT QUE	GI 3253	B C L 2
ROSENFELD ISADORE 3137 VAN HORNE AVE MONTREAL QUE	EX 3784	MD CM 4
ROSENFELD RIVA 1375 GREENE AVE APT 11 WESTMOUNT QUE	GI 3253	B A 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ROSENGARTEN MORTON 727 UPPER BELMONT AVE WESTMOUNT QUE	B A 1 WA 2002
ROSENHEK CONNIE 4800 WILSON AVE N D G MONTREAL QUE	B A 3 DE 1244
ROSENHEK MARVIN P 4800 WILSON AVE MONTREAL QUE	B C L 1 DE 1244
ROSENSWEIG JACOB 454R STURBAIN ST MONTREAL QUE	B SC 4 PL 4760
ROSENTHAL PERRY 1460 VAN HORNE AVE APT 10 MONTREAL QUE	B SC 1 VI 5662
ROSENZVEIG MERVYN I 839 MCEACHRAN ST OUTREMONT QUE	B A 2 CA 1753
ROSS COLIN CHARLES 5039 BESSBOROUGH AVE APT 1 N D G MONTREAL QUE	B COM 4 EL 8462
ROSS DONALD FRASER 655 COTE ST ANTOINE RD WESTMOUNT QUE	B COM 1 DE 3636
ROSS DONALD JAMES 419 PRINCE ARTHUR ST W MONTREAL QUE	B ENG CI 5 HA 1088
ROSS DONALD MALCOLM 116 ARLINGTON AVE WESTMOUNT QUE	B COM 1 EL 9706
ROSS DOROTHY KATHLEEN R V C 335 QUEENSTON RD ST CATHARINES ONT	B SC 4 UN 0296
ROSS DOUGLAS ROBERTS 4216 DORCHESTER ST W WESTMOUNT QUE	B COM 4
ROSS DOUGLAS WILLIAM 462R ST CATHERINE ST W WESTMOUNT QUE	B COM 2 WE 4842
ROSS GORDON MCKENZIE DOUGLAS HALL 528 NICOLA ST KAMLOOPS B C	B A 2 UN 0068
ROSS JAMES DRUMMOND 65 ROSEMOUNT CRESCENT WESTMOUNT QUE	B A 2 FI 8160
ROSS JAMES LEGER 1455 DRUMMOND ST APT 319 MONTREAL QUE 363 LAKE ST LOUIS RD CHATEAUGUAY QUE	MD CM 1 HA 1568
ROSS JOHN ST CLAIR 50 SUMMIT CIRCLE WESTMOUNT QUE	B ENG 2 FI 5771
ROSS JOHN THOMAS MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B ARCH 6
ROSS KATHARINE C R V C 35 GOULBURN AVE OTTAWA ONT	B A 4
ROSS MORTIMER 4400 WESTERN AVE WESTMOUNT QUE	B COM 1 WE 1468
ROSS RIVA SANDRA 4725 RIDGEVALE AVE MONTREAL QUE	M B SC 3 AT 3813
ROSS ROBERT GORDON MACDONALD COLLEGE 44 DOMINION ST TRURO N S	M SC 1
ROSS ROBERT MARION JR 3557 DUROCHER ST MONTREAL QUE 230 E WAYNE ST CELINA OHIO U S A	MD CM 1 HA 7512
ROSS ROSS PATRICK E 4614 KENSINGTON AVE N D G MONTREAL QUE 401 RIVERDALE ST CORNWALL ONT	B ENG MCH 4 WA 1679
ROSS ROSS PHILIP A 4614 KENSINGTON AVE N D G MONTREAL QUE RIVERDALE AVE CORNWALL ONT	M ENG 2 WA 1679
ROSS VERITY 3432 PEEL ST MONTREAL QUE	PH D 4 LA 7997
ROSS VERNON 3015 SHERBROOKE ST APT 21 MONTREAL QUE	PH D 2 WI 4889
ROSS WINFRED MARGARET 555 SHERBROOKE ST W MONTREAL QUE	MD CM 3 UN 0278
ROSSER HAROLD GORDON 3778 MELROSE AVE N D G MONTREAL QUE	B ENG EL 4 DE 9136
ROSTANT JOHN STEPHEN 545 PINE AVE W MTL ST JOSEPH VILLAGE SAN FERNANDO TRIN B W I	MD CM 3 MA 1545
ROSTRON JOAN BARBARA MACDONALD COLLEGE 4577 MELROSE AVE N D G MONTREAL QUE	TCH INT 1
ROTHMAN BERNARD 789 LEXINGTON AVE WESTMOUNT QUE	B A 1 DE 1347
ROTHMAN KAY 380 QUEBEC AVE OUTREMONT QUE	PHYSIOTH 1 CA 6086
ROTHMAN MELVIN L 789 LEXINGTON AVE WESTMOUNT QUE	B A 4 DE 1347
ROTHNEY WILLIAM B 4310 BEACONSFIELD AVE APT 8 N D G MONTREAL QUE	MD CM 3 WA 5803
ROTHSTEIN BERNARD BOBBY 6305 DE VIMY AVE MONTREAL 8 QUE	MD CM 4 AT 1868
ROTHWELL DONALD S 1493 BISHOP ST MTL 92 ARGYLE AVE OTTAWA ONT	B ENG MCH 4
ROTHWELL GLENN EARL 859 MCEACHRAN AVE OUTREMONT QUE	B SC 2 DO 1860
ROTENBERG LEILA L R V C 168 FOREST HILL RD TORONTO ONT	B A 3 UN 0178
ROTTERMUND ANN 5578 JEANNE MANCE ST MONTREAL QUE	B A 3 DO 8858
ROUMBANIS THEODORE 1998 ST ANTOINE ST MTL 18 STAIRS ST HALIFAX N S	B ENG PHY 3 WI 9563
ROUNTHWAITE HARRY L 4982 QUEEN MARY RD MONTREAL QUE	MED DIPL 1 EX 1251
ROUTLEDGE ROBERT E M MACDONALD COLLEGE HAMPSTEAD R R 1 QUEENS CO N B	B SC AGR 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ROW GORDON W 5735 COTE DES NEIGES RD APT 11 MONTREAL QUE	PARTIAL 0 EX 8696
ROW ROBERT K W 3592 UNIVERSITY ST MTL BELOEIL STATION QUE	B A 4 PL 2435
ROWAN JAN CHRISTOPHER 4126 OLD ORCHARD AVE MONTREAL QUE	B ARCH 6 WA 4810
ROWAT RAYMOND MILES 3473 UNIVERSITY ST MTL SHAWVILLE QUE	B A 4 MA 4902
ROWE JOHN GORING 3473 UNIVERSITY ST MONTREAL QUE	B D 3 MA 4902
ROWE JOSEPH FRANCIS 3832 NEWMARCH ST VERDUN QUE	M A 1 TR 9454
ROWE OWEN EVAN 3679 JEANNE MANCE ST MONTREAL QUE	B S W 1
ROWE PATRICIA ANN R V C 22 CAMBRIDGE ST HALIFAX N S	B SC P E 3 UN 0207
ROWE SHIRLEY E CHESTERVILLE ONT	B SC 2
ROWE THOMAS DESMOND 3473 UNIVERSITY ST MTL 4347 HARVARD AVE N D G MONTREAL QUE	B D 2
ROWLANDS ALLAN C 41 THORNHILL AVE WESTMOUNT QUE	B ENG MCH 4 WE 5646
ROWLANDS JAMES ARTHUR 4238 BEACONSFIELD AVE N D G MONTREAL QUE	D D S 3 DE 5201
ROWLANDS MARY E 18 JASPER AVE TOWN OF MOUNT ROYAL QUE	M A 1 AT 9931
ROY CHARLES AUSTIN MACDONALD COLLEGE 45 ANDREW ST CAMPBELLTON N B	B SC AGR 4
ROY GERARD LOUIS 356 KENSINGTON AVE WESTMOUNT QUE 17 COSTIGAN ST EDMUNDSTON N B	B ENG CI 4 WE 5567
ROY HEATHER RUTH 1050 MT ROYAL ST W OUTREMONT QUE	B SC 1 DO 7711
ROY JOHN ROBERT 1326 MOUNT ROYAL BLVD OUTREMONT QUE	B ENG CI 4 CA 6792
ROY KENNETH MURRAY MACDONALD COLLEGE HOWICK QUE	AGR DIP 1
ROZENBAUM ADRIENNE 3465 COTE DES NEIGES RD APT 20 MONTREAL QUE 2 HARTSWOOD RD STAMFORD BROOK LONDON W 12 ENGLAND	M A 1 WI 7251
RUBENSTEIN BERNARD 4934 LACOMBE AVE MONTREAL QUE	B A 3 AT 4073
RUBENSTEIN CLAUDE 3431 DRUMMOND ST MTL 40 MONROE ST NEW YORK 2 N Y U S A	B A 3 PL 3616
RUBENSTEIN DAVID 4672 JEANNE MANCE ST MONTREAL QUE	M SC 1 BE 9071
RUBIN ROSLYN LISBY R V C 45 LEVIS AVE QUEBEC CITY QUE	B SC 1
RUBINGER FRANCES 6155 DUROCHER AVE OUTREMONT QUE	B A 2 VI 9836
RUBINOVICH JOEL L 4927 DECARIE BLVD APT 5 N D G MONTREAL QUE	B COM 2 EL 6661
RUBINS WALTER HENRY 1035 ST VIATEUR W APT 10 OUTREMONT QUE	B SC 2 TA 8009
RUBINSTEIN IRVING 788 MCEACHRAN AVE OUTREMONT 8 QUE	B COM 1 CR 7290
RUBLEE JACK DRISCOLL 1442 SHERBROOKE ST W APT 8 MONTREAL QUE	M SC 1 HA 0030
RUBY JASON VICTOR 1060 VAN HORNE AVE OUTREMONT QUE	B A 4 CA 0734
RUDBERG DAN ELIAD 5545 COTE ST LUC RD APT 56 MONTREAL QUE	B ENG 1 WA 9063
RUDBERG MICHAEL M 5545 COTE ST LUC RD MONTREAL QUE	B ENG CI 4 WA 9063
RUDD RUSSEL NATHANIEL 682 MANNING AVE VERDUN QUE	B SC 2
RUDEN JERRY 5301 ESPLANADE AVE MONTREAL QUE	B ENG 2 CA 2834
RUDY LEONARD 864 DOLLARD AVE OUTREMONT QUE	B ENG CI 4 DO 6012
RUGIENIUS ANTHONY V 6634 JOQUES ST MONTREAL 20 QUE	B ENG CH 5 TR 4471
RUSK MYRON BERNARD 5054 GLENCAIRN AVE N D G MONTREAL QUE	B A 2 EL 9529
RUSKO MICHAEL 3117 WESTMOUNT BLVD MONTREAL QUE	B C L 2 WE 9137
RUSSELL ANDREA E R V C 1585 PINE AVE W MONTREAL QUE	B F A 2 UN 00RR
RUSSELL DOUGLAS F 41 DUFFERIN RD HAMPSTEAD QUE	B ENG 1 EL 40RR
RUSSELL JOHN STEWART 1585 PINE AVE W MONTREAL QUE	B COM 4 FI 8114
RUSSELL ROBERT D 1017 CANORA RD TOWN OF MOUNT ROYAL QUE	B SC P E 4 AT 9972
RUSSELL WILLIAM 2A DEBARY APTS WARDLAW & DALY WINNIPEG MAN	M SC 2
RUTENBERG RENE E 4885 QUEEN MARY RD MONTREAL QUE	B SC 1 EX 2136
RUTHERFORD EVELYN S 4355 MONTROSE AVE MONTREAL QUE	B SC P E 1 FI 8876
RUTHERFORD IAN HOWARD 4322 MONTROSE AVE WESTMOUNT QUE	B ENG 1 WE 4126

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NAME ADDRESS	TEL. NO.	COURSE & YEAR
RUTHERFORD ROSS B 36 HOLTON AVE WESTMOUNT QUE ★71		B COM 3
RYAN DONALD WILLIAM 3507 UNIVERSITY ST MTL 3712 ALMERIA ST SAN PEDRO CALIF U S A		B SC 1
RYAN FRED CURTIS MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE		D D S 3
RYAN JAMES RUTHVEN 1455 DRUMMOND ST APT 319 MONTREAL QUE C C MR CURTIS ALLEN 8909 CREFELD ST CHESTNUTHILL PHILA PA	HA 1568	B A 1
RYAN RICHARD EDWARD MACDONALD COLLEGE WEST BROME QUE		AGR DIP 1
RYAN SHEILAGH 4721 WESTERN AVE WESTMOUNT QUE	DE 6898	B A 1
RYDER DOROTHY EDITH 4134 DORCHESTER ST W WESTMOUNT QUE	WI 6653	B L S 1
RYLEY NANCY ST CLAIR R V C 1182 DEVONSHIRE RD WINDSOR ONT		B A 1
RYMANOWSKI EDWARD G 1210 PINE AVE W MTL 89 PARK AVE COHOES NEW YORK U S A	HA 0098	B SC 2
RYMANOWSKI JOHN F 3581 DUROCHER ST MTL 89 PARK AVE COTTOES N Y U S A	HA 7778	D D S 2

S

NAME ADDRESS	TEL. NO.	COURSE & YEAR
SAAD WALLACE JOHN 293 MONKLAND BLVD VILLE ST LAURENT QUE	RY 4078	B SC 3
SABETTA RAYMOND X 1225 BERNARD AVE OUTREMONT QUE	CR 4877	PARTIAL 0
SABIN DOROTHY 4824 ESPLANADE AVE MONTREAL QUE	CA 1770	B A 1
SABOURIN JEAN BERNARD 6790 LOUIS HEBERT ST MONTREAL QUE	CA 0800	B A 3
SAFULKO PETER 4610 COLONIAL AVE MONTREAL 14 QUE	RE 5938	B ENG 1
SAGEN SAMUEL CHARLES 5428 HUTCHISON ST MTL 11 WILLIAM ST OTTAWA ONT		B L S 1
SAGER IRVING 3885 LAVAL AVE MONTREAL QUE	HA 0890	B ARCH 5
SAINT CONRAD BRUCE WILSON HALL EDGEHILL HOUSE ST THOMAS BARBADOS BWI		B ENG 2
SAINT LAURENT PIERRE P 3978 PARC LAFONTAINE ST MONTREAL QUE	FR 6905	B COM 1
SAINT MARTIN FERNANDE 2626 SOISSONS AVE MONTREAL QUE		M A 1
ST ONGE BERNARD J C 538 PRINCE ARTHUR ST W 40 1ST ST SHAWINIGAN FALLS QUE	PL 6030	B ENG EL 5
SAINT PIERRE LEA A 7110 SOMERLED N D G MONTREAL QUE	DE 9131	B C L 3
SAIT ANNE ADELE M 1545 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	AT 6592	B F A 1
SAKELLARIOU T 3500 HUTCHISON ST APT 30 MONTREAL QUE 3 VOULIS STR ATHENS GREECE		M ENG 2
SALAMIS COUSTANTINE 1001 MACNAUGHTON RD TOWN OF MOUNT ROYAL QUE	AT 3950	B ENG 1
SALMON HERBERT C 1924 ST CATHERINE ST W APT 3 MONTREAL QUE	FI 6723	B C L 1
SALMON JOHN S MACDONALD COLLEGE MORRISBURG ONT		B SC AGR 3
SALOMON DOROTHY 632 MURRAY HILL AVE WESTMOUNT QUE	DE 2432	B A 2
SALOMON GLORIA JOYCE 539 PRINCE ALBERT AVE MONTREAL QUE	EL 0407	B A 4
SALOMON NATHANIEL H 4047 GREY AVE MONTREAL QUE	EL 8863	B A 2
SALOMON PHILIP MILTON 4047 GREY AVE MONTREAL QUE	EL 8863	B COM 4
SALTS WILLIAM GEORGE 2455 MAPLEWOOD AVE MONTREAL QUE	AT 1675	B COM 4
SALVAS JOSEPH F M 1950 MAISONNEUVE ST MONTREAL QUE	AM 4427	D D S 2
SAMOTIS MORRIS 2050 MONTGOMERY ST HOCHELAGA QUE	CH 8963	B COM 1
SAMUELS ESTELLE 1631 DUCHARME AVE OUTREMONT QUE	CA 9488	M S W 1
SAMUELS GEORGE 432 CHURCH AVE APT 2 VERDUN QUE	YO 3720	B A 4
SAMUELS KALMAN 187 BLOOMFIELD AVE OUTREMONT QUE	CA 4195	B C L 1
SAND SHIRLEY 46 PERRAULT ST ST ANNE DE BELLEVUE QUE 5235 DUROCHER ST OUTREMONT QUE		TCH ELEM 1
SANDERSON EDWIN S 4270 CAVENDISH BLVD APT 21 MONTREAL QUE		M SC 1
SANDILANDS MARY H MACDONALD COLLEGE 10 ARTHUR ST TRURO N S		B SC H EC 4

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SANDCE JOHN 456 GROSVENOR AVE MTL FELIXSTOWE SUFFOLK ENGLAND	B A 2 DE 6334
SANDZELIUS JAN ALLAN 224 METCALFE AVE WESTMOUNT QUE	B ENG 1 WI 0280
SANFORD KENNETH H MACDONALD COLLEGE COLDBROOK N S	B SC AGR 4
SANSOM FREDERICK E 1438 BISHOP ST MTL 624 DES FORGES ST THREE RIVERS QUE	B ENG CH 3 MA 4473
SANSOM WILLIAM 5727 COOLEBROOKE AVE N D G MONTREAL QUE	B ENG MET 5 AT 5686
SANTAMARIA HERNAN 2047 UNION AVE MTL CARRERA 15 SUR NO 17 30 CALI COLOMBIA S A	B ENG 1 PL 0646
SANTERRE JOSEPH C MACDONALD COLLEGE 163 8TH ST QUEBEC CITY QUE	M SC 1
SANTO EDYTHE MAY E 3575 PEEL ST MTL BENDER SASK	MD CM 4 MA 8381
SAPER BARRY MORTON 4588 KINGSTON AVE N D G MONTREAL QUE	B SC 4 EL 7160
SARGEANT VERNON A L MACDONALD COLLEGE VALSDALE BELMONT RD ST MICHAEL 13 BARBADOS B W I	B SC AGR 4
SASSO NICOL ANTONIO 4261 BARCLAY ST APT 7 MONTREAL QUE	B ENG MCH 4
SAUL ROBERT CHARLES 4438 VERDUN AVE VERDUN QUE	B SC 3 YO 1952
SAUNDERS JOAN MACDONALD COLLEGE 38 MAPLE AVE SMITHS FALLS ONT	B SC H EC 1
SAUNDERS MAX KENDALL 216 PERCIVAL AVE MONTREAL WEST QUE	B A 3
SAUNDERS THOMAS C 3610 LORNE CRESCENT MTL 321 38TH AVE S W CALGARY ALBERTA	MD CM 4 LA 1012
SAUNDERS THOMAS F 7485 MULBERRY AVE MONTREAL QUE	B ENG CI 3 EX 7409
SAUNDERS VINCENT E T 1648 FAYOLLE AVE VERDUN QUE	B ENG CI 5 TR 3425
SAUNDERS WILLIAM A 3660 LORNE CR APT 19 MTL 233 STEWART ST OTTAWA ONT	B SC 1 LA 9283
SAUVE GEORGES CLAUDE 3609 UNIVERSITY ST MTL 105 BALDWIN AVE CORNWALL ONT	B ENG MCH 5 LA 6307
SAUVE ROGER 400 DESMARCHAIS ST MONTREAL QUE	B COM 3 YO 0505
SAVAGE DONALD C 2 ELLERDALE RD APT 10 HAMPSTEAD QUE	B A 1 DE 5987
SAVAGE MARIGOLD 6 PARKSIDE PLACE MONTREAL 25 QUE	B SC 3 FI 8320
SAVAL EMILIO DOUGLAS HALL 432 METCALFE AVE WESTMOUNT QUE	B SC 2 DE 6697
SAVARD FRANCOIS 2364 SHEPPARD ST MONTREAL QUE	B SC 4 CH 3318
SAVERY ARCHIBALD W 5420 WEST BROADWAY N D G MONTREAL QUE	P ENG MCH 4 EL 3404
SAYLOR CLARENCE L BOX 103 CAUGHNAWAGA QUE	PARTIAL 0
SCAMMELL ISABELLA 3484 SHUTER ST APT 10 MONTREAL QUE	B A 2 LA 9875
SCARPETTA RAUL A 421 PRINCE ARTHUR ST W MONTREAL QUE	B ENG 1 HA 1503
SCARTH ALASTAIR G 26 MAPLE AVE STE ANNE DE BELLEVUE QUE	MD CM 4
SCARVELIS VASILIOS C 1251 EVERETT ST APT 4 MONTREAL QUE	B COM 4 CR 1486
SCHACHTER LAWRENCE 6266 DEACON RD MONTREAL R QUE	B SC 1 EX 9214
SCHACHTLER ROBERT J 1480 CHOMEDY ST APT 6 MONTREAL 25 QUE	P ENG MCH 3 WI 7654
SCHACTER WILLIAM MARC 1521 VAN HORNE AVE APT 12 OUTREMONT QUE	B ARCH 6 CA 7330
SCHAD GERHARD ADAM 46 PACIFIC ST SENNEVILLE NORTHERN BLVD ST JAMES L I NEW YROK	M SC 1
SCHAFFER ROBERT 4363 ESPLANADE AVE MONTREAL QUE	B SC 1
SCHAFFER ROSLYN 1081 ST VIATEUR WEST OUTREMONT QUE	B A 1 DO 3739
SCHALIN EDMUND MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PH D 4
SCHARMAN ARIEL 258 SHERBROOKE ST MTL 137 RIVERSIDE DR NEW YORK CITY N Y U S A	B SC 2
SCHATIA GENE 2933 SOISSONS AVE MONTREAL QUE	B A 2 AT 2909
SCHAUS ORLAND OTTO 1625 LINCOLN AVE MTL HANOVER ONT	B ENG CH 5
SCHECTER DOREEN E 36 JOYCE AVE OUTREMONT QUE	B A 2 DO 7092
SCHEIER IVAN HENRY 4646 ROSLYN AVE MTL 94 BEEKMAN ST PLATTSBURG N Y U S A	M A 2 EL 1602
SCHERTZER NATHAN 772 CHAMPAGNEUR AVE OUTREMONT QUE	B ENG 1 CA 0643
SCHERZER HAROLD 4840 VICTORIA AVE MONTREAL QUE	D D S 1 DE 0530
SCHIFF HARRY 535A WAVERLY ST MONTREAL QUE	PH D 2 CA 8421

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SCHIFF LOUIS 5455 ST URBAIN ST MONTREAL QUE	B SC 1 CA 3264
SCHLEIFER MARK M 940 WILDER AVE OUTREMONT QUE	B A 1 AT 0791
SCHLESINGER NINA MAE 59 COTE ST CATHERINE RD OUTREMONT QUE	B A 2 VI 7998
SCHLOSS SONDRA R V C 4802 49TH ST CAMROSE ALTA	B A 2 UN 0158
SCHMELTZER ALLAN LEO 1810 DUCHARME AVE MTL MATANE QUE	B A 3 AT 0515
SCHMIDT ERNEST W 1554 STANLEY ST APT 51 MONTREAL QUE BOX 112 HEPBURN SASK	MD CM 4
SCHNAIBERG HYMAN L 3783 DROLET ST MONTREAL QUE	B A 2 HA 6923
SCHEIDER JOSEPH 1563 DE BULLION ST MONTREAL QUE	B ENG 1
SCHNEIDER HARRY 6300 PAPINEAU AVE MONTREAL QUE	B A 4 DO 3337
SCHNEIDERMAN GERTRUDE 4683 GROSVENOR AVE N D G MONTREAL QUE	B S W 1 DE 7175
SCHNEIDMAN JOE 5372 CLARK ST MONTREAL 14 QUE	B A 4 VI 2322
SCHNITZER MORRIS 21 MAPLE AVE STE ANNE DE BELLEVUE QUE	B SC AGR 4
SCHOCH DAVID EARL T 75 HILLCREST AVE MONTREAL WEST QUE	MD CM 1 WA 9779
SCHOELER PAUL JEAN 4556 ST CATHERINE ST APT 7 WESTMOUNT QUE	B ARCH 6 WE 6343
SCHOEN JELLE PETER 632 BELMONT AVE MTL CHOPINSTR 11 AMSTERDAM HOLLAND	B SC 3 EL 3401
SCHOLES JOHN MERTON 4557 SHERBROOKE ST W APT 49 WESTMOUNT QUE	B ENG MCH 4 DE 5723
SCHOLLIE ELIZABETH E 725 ALLARD AVE VERDUN QUE	B F A 2 TR 2076
SCHON ROBERT CONRAD ST AUGUSTIN CO 2 MOUNTAINS QUE	PARTIAL 0
SCHONER BERTRAM 5333 BRODEUR ST N D G MONTREAL QUE	B A 2 EL 9821
SCHONFELD ARTHUR 2505 VAN HORNE AVE APT 11 MONTREAL QUE 2 PREYER ST TIMISOARA ROMANIA	B ENG EL 5 AT 4587
SCHRAGE SAMUEL 1461 MOUNTAIN ST APT 8 MONTREAL QUE	PH D 4 BE 8771
SCHREIBER RONALD 1619 LAJOIE AVE OUTREMONT QUE	B ARCH 3 CA 4662
SCHREMP EARLE H 14 DOBIE AVE TOWN OF MT ROYAL	B ENG 2 AT 0446
SCHULTE HENRY FRANK 3680 ST URBAIN ST MTL HACKENSACK MINN U S A	B A 4 LA 0859
SCHURMAN JAMES HARTT 4615 KENSINGTON AVE N D G MONTREAL QUE	B COM 4 DE 1950
SCHUTZ ROSEMARIE RUTH 40 GRANVILLE RD HAMPSTEAD QUE	B SC 4 DE 6125
SCHWARTZ ARTHUR 76A UPPER LANSDOWNE AVE WESTMOUNT QUE	B A 2
SCHWARTZ CAROL ANNE 4855 MELROSE AVE MONTREAL QUE	B SC 2 DE 6677
SCHWARTZ DEBORAH 4375 MARCIL AVE MONTREAL QUE	B A 3 DE 9403
SCHWARTZ EARL SRULE 47 MAPLEWOOD AVE OUTREMONT QUE	B A 4 CR 6752
SCHWARTZ JACK PETER 1230 LAJOIE AVE OUTREMONT QUE	B A 4 CA 8443
SCHWARTZ SHEILA 4580 WILSON AVE N D G MONTREAL QUE	B A 3 DE 0144
SCHWARTZ SHIRLEY 4675 RIDGEVALE AVE MONTREAL 26 QUE	B SC 3 EX 2820
SCHWARTZ SOLOMON 5230 CLARK ST MONTREAL QUE	M SC 2 CR 9011
SCHWARTZBEN MELVYN 2229 MAPLEWOOD AVE MONTREAL QUE	B A 3 EX 5845
SCHWARTZMAN ALEX E 6014 PARK AVE APT 40 MONTREAL 8 QUE	M A 1 CR 8157
SCHWARTZMAN FRINA S 2319 WILSON AVE MONTREAL QUE	B SC 3 DE 3612
SCHWISBERG ETHEL E 23 LAVIOLETTE ST MONTREAL QUE	PARTIAL 0 DO 2948
SCOBIE THOMAS KEITH 3650 STE FAMILLE ST MONTREAL QUE	MED DIPL 1 HA 9641
SCOTT BARBARA JEAN 4584 OXFORD AVE MONTREAL 28 QUE	L MUS 3 WA 3615
SCOTT BESSIE C 456 PINE AVE W APT 6 MTL 11302 107TH AVE EDMONTON ALBERTA	GR N CERT 1 LA 5676
SCOTT CYNTHIA 4385 WESTERN AVE WESTMOUNT 6 QUE	B SC 4 WE 0928
SCOTT CYNTHIA JOAN 6 BRAESIDE PLACE WESTMOUNT QUE	B F A 2 WI 9619
SCOTT HENRY JAMES 5030 VICTORIA AVE MONTREAL QUE	MED DIPL 5 AT 1806
SCOTT JOHN BERTRAM 703 CREVIER ST MONTREAL QUE	N D D S 4 RY 8504
SCOTT JOHN MCPHERSON 690 SHERBROOKE ST W MONTREAL QUE	B A 3 MA 1550
SCOTT JUDITH WENDY 503 ROSLYN AVE WESTMOUNT QUE	B A 2 DE 3351

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SCOTT KENNETH A C 1441 CRESCENT ST APT 8 MONTREAL QUE PIT ORCHARD AXMINSTER DEVON ENG	B A 4
SCOTT KENNETH EDWARD 196 GUILBAULT ST LONGUEUIL QUE	B SC 4
SCOTT LORNE HAROLD 541 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B ENG CI 4 EX 1960
SCOTT LUCILE 4830 VICTORIA AVE MONTREAL QUE	PHYSIOTH 1 WA 4781
SCOTT RONALD SIDNEY 3421 DRUMMOND ST MTL BOX 90 KING ONTARIO	B ARCH 5 LA 0950
SCOTT WILLIAM MACD 4830 VICTORIA AVE MONTREAL QUE	B COM 4 WA 4781
SCRIMGEOUR ROBERT K 8234 BOYER ST MONTREAL QUE	B COM 3 VI 6990
SCRIVER CHARLES R 510 ROSLYN AVE WESTMOUNT QUE	B A 4 DE 4284
SCUDAMORE ROSEMARY J 8 WEREDALE PARK WESTMOUNT QUE 3890 WEST 26TH AVE VANCOUVER B C	B L S 5 WE 3532
SEAGRAM MARGOT DIANE R V C 50 ALBERT ST WATERLOO ONT	B SC P E 2 UN 0278
SEAMAN ERNEST ALVIN 1034 SHERBROOKE ST W MTL 205 FIRST AVE NORANDA QUE	B ENG 2
SEARS CARTER GERALD 3550 LORNE AVE APT 9 MONTREAL 18 QUE 36A ST VINCENT ST SAN FERNANDO TRINIDAD	B SC 4 BE 0468
SEATH WILLIAM M 1245 SUSSEX AVE MONTREAL QUE	P ENG MCH 4 WI 8100
SECOY CLYDE FRANK 542 PRINCE ARTHUR ST W MONTREAL QUE 904 GRAND AVE EVERETT WASH D C U S A	MD CM 1 HA 8512
SEDEROFF GLORIA 4645 RIDGEVALE AVE APT 3 MONTREAL QUE	B COM 3 EX 0895
SEDGWICK HENRY F H DOUGLAS HALL 16 BUTTERNUT ST TORONTO ONT	B A 2 UN 0068
SEDLEZKY BENJAMIN 2351 KINGSTON AVE N D G MONTREAL QUE	D D S 2 WA 7983
SEEMAN PHILIP 5017 ESPLANADE AVE MONTREAL QUE	B SC 1 TA 3672
SEEMAN SAM STANLEY 5017 ESPLANADE AVE MONTREAL QUE	B ARCH 5 TA 3672
SEGAL ANNETTE 4540 CLARKE ST APT 4 MONTREAL 14 QUE	B F A 1 PE 1900
SEGAL BENNY 35 ST CUTHBERT ST MONTREAL QUE	B SC 1 RE 9174
SEGAL BERNARD LOUIS 4917 ISABELLA AVE MONTREAL QUE	M SC 1 EX 2224
SEGAL FRANCES 484 COTE ST CATHERINE RD OUTREMONT QUE	B A 4 VI 7844
SEGAL LOUIS 35 ST CUTHBERT ST APT 5 MONTREAL 1A QUE	B ENG PHY 5 BE 9174
SEGALL ALFRED S 5323 ESPLANADE AVE MONTREAL QUE	B C L 1 CR 5640
SEGALL MANFRED 3886 KENT AVE MONTREAL QUE	B COM 1 EX 8935
SEQUIN ANDRE 2A ST GERMAIN BLVD VILLE ST LAURENT QUE	B SC 1 BY 4640
SEQUIN WILLIAM LLOYD 3446 ST FAMILLE ST MONTREAL QUE	B COM 3 HA 5087
SEHEULT LOIC F 5415 PARK AVE APT 8 MONTREAL QUE	B COM 3 DO 8431
SEIDMAN RUTH 5265 HUTCHISON ST MONTREAL QUE	PH D 2 CA 3442
SELCHAU PAUL 3426 HUTCHISON ST APT 1 MONTREAL QUE 1572 8TH AVE SAN FRANCISCO 22 CALIF	MD CM 2
SELDON GERALD 2076 SHERBROOKE ST W MONTREAL QUE	B COM 2 WE 4873
SELECTOR LILA GLORIA 5190 QUEEN MARY RD MONTREAL QUE	L MUS 2 EL 0783
SELLEN JOHN MICHAEL 1482 BISHOP STREET MONTREAL QUE	M SC 1 LA 5090
SELTZER IRVING 4666 CLARK ST MONTREAL QUE	B SC 2 PL 2388
SENDBUHLER MICHAEL J 3531 SHUTER ST MONTREAL QUE	B A 1 HA 4903
SENG ELIZABETH MARY 4466 WESTERN AVE WESTMOUNT QUE	B A 1 WI 4350
SENG MARGARET 1466 WESTERN AVE WESTMOUNT QUE	B A 3 WI 4350
SENIOR FRANK REVILL OTTERBURN PARK QUE	B ARCH 6
SENIOR RUSSELL NORMAN 740 MELROSE AVE VERDUN QUE	B SC 4 HE 0921
SERRANO ISAIAS 4410 ST CATHERINE ST APT 2 MONTREAL QUE EDIFICIO ISERRA BUCARAMANGA COLOMBIA	M B SC 1 FI 3805
SERRICK WARD WILLIAM 1500 DECARIE BLVD APT 34 ST LAURENT QUE DEER LAKE NFLD	P ENG CI 4
SETO HECTOR 3591 UNIVERSITY ST MTL 77 MAIN STREET AYLMER QUE	P ENG EL 4 BE 0344
SEVENSTER NEELTJE P 1620 SEAFORTH AVE MONTREAL QUE	B C L 2 WE 5797

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SEXTON CHRISTINE E 1537 GRAHAM BLVD TOWN OF MT ROYAL QUE	B SC P E 2 AT 0663
SEYFERTH ROGER C 754 SHERBROOKE ST W APT 14 MONTREAL QUE	MD CM 4
SHACTER MARGARET R 4620 MILLER AVE MONTREAL QUE	B SC 1 AT 3808
SHAFFNER IONA 2156 LINCOLN AVE MTL ST MARTHA S HOSPITAL ANTIGONISH N S	GR N CERT 1 FI 3254
SHAGASS CHARLES 4827 FULTON AVE MONTREAL QUE	MED DIPL 1 AT 2132
SHAMY FRANK ELIAS 718 COTE ST CATHERINE RD OUTREMONT QUE	B SC 2 AT 9081
SHANAHAN THOMAS S 3704 LAVAL AVE MONTREAL 18 QUE	B ENG CH 4 LA 6670
SHANER SYDNEY MANOEL 5475 VICTORIA AVE APT 1 SNOWDON QUE	MD CM 4
SHAPIRO BARBARA J R V C 221 O CONNOR ST OTTAWA ONT	B A 2 UN 0097
SHAPIRO BERNARD LYON 4942 ISABELLA AVE MONTREAL 29 QUE	B SC 3 EX 6361
SHAPIRO ERNEST SELIG 3841 RIDGEVALE AVE APT 7 MONTREAL QUE	B ENG 2 AT 1400
SHAPIRO MARILYN 1568 VAN HORNE AVE OUTREMONT QUE	B A 2 CA 0211
SHAPIRO MIRIAM 1568 VAN HORNE AVE OUTREMONT P QUE	B S W 1 CA 0211
SHAPRAY DONALD 100 DUFFERIN RD HAMPSTEAD QUE	B COM 1 WA 8904
SHARMAN RAFAEL JAMES MACDONALD COLLEGE HATLEY QUE	AGR DIP 1
SHARP ALFRED EDWARD 1643 LINCOLN AVE APT 7 MONTREAL QUE 511 HETHRINGTON AVE WINNIPEG MAN	B ENG CH 5
SHARP LEILA VAIL 2038 METCALFE ST MTL 304 WEST BROAD ST BRIDGETON N J U S A	PH D 2 PL 0813
SHARP ROBERT THOMAS 6161 SHERBROOKE ST W MTL 493 MCDONNEL ST PETERBORO ONT	PH D 3 DE 3718
SHARP RONALD DAVID 419 VICTORIA AVE WESTMOUNT QUE 116 CAMBRIDGE ST OTTAWA ONT	B SC P E 4 DE 1591
SHARRATT HAROLD JOHN 4449 WILSON AVE N D G MONTREAL QUE	B ENG 2 WA 2305
SHARRATT JOHN MICHAEL 4 FENWICK AVE MONTREAL WEST QUE	B A 3 DE 8831
SHARRATT RUSSELL I 4449 WILSON AVE MONTREAL 28 QUE	B ENG CI 5 WA 2305
SHARWOOD GORDON R 478 MOUNT PLEASANT AVE WESTMOUNT QUE	B A 3 WI 5595
SHATNER WILLIAM 4240 GIROUARD AVE N D G MONTREAL QUE	B COM 3 DE 6885
SHAVER CHARLES M 3485 MCTAVISH ST MTL R R 1 AVONMORE ONT	B A 2 BE 0424
SHAVER GLENN ARNOLD 2054 MCGILL COLLEGE AVE MONTREAL SWAN RIVER MAN	B ENG MET 5 HA 7648
SHAVER JOHN WILLIAM THEOLOGICAL COLLEGE 109 MERRITT ST ST CATHERINES ONT	B D 1
SHAVER RAYMOND ALFRED 5909 25TH AVE ROSEMOUNT MONTREAL QUE	B SC 4 CL 7869
SHAW GEORGE PEARSON DOUGLAS HALL 14 HEMLOCK AVE SHAWINIGAN FALLS QUE	B COM 4 UN 0068
SHAW HAZEL ADELE R V C 1468 MIDLAND AVE BRONXVILLE 8 N Y U S A	B SC 3 UN 0158 L
SHAW LEONARD B FIELD HOUSE 150 RUSSELL AVE OTTAWA ONT	B SC P E 1 PL 3332
SHAW PAUL BAILEY 473 VICTORIA AVE WESTMOUNT QUE	B C L 1 DE 7407
SHAW RICHARD 3851 UNIVERSITY ST MTL ROCKLEY NEW RD BARBADOS B W I	PH D 1
SHAW WILLIAM F 1350 VAN HORNE AVE OUTREMONT QUE	B SC P E 2 TA 2616
SHAW WILLIAM PATRICK 77 YORK AVE WESTMOUNT QUE	B C L 1 EL 8623
SHAYNE JACK CHARLES 236 ELM AVE WESTMOUNT QUE	B C L 1 FI 4507
SHEA JAMES FRANCIS JR 662 WISEMAN AVE OUTREMONT QUE 29 PLEASANT ST WARE MASS U S A	B SC 4 CA 7095
SHEAR FRANCES 4363 ST URBAIN ST MONTREAL QUE	M S W 2 LA 0584
SHEARD MATTHEW 523 PINE AVE W MTL 342 AVENUE RD TORONTO ONT	B A 1
SHEARLY BLYTHE F 339 KINDERSLEY AVE TOWN OF MT ROYAL QUE	B SC H EC 1 AT 4414
SHEARMAN GEORGE E W P O BOX 24 ST EUSTACHE QUE	PARTIAL 0
SHEIDEN ABE 4076 ST URBAIN ST MONTREAL QUE	B ARCH 1 PL 6702
SHEINER NATHAN M 4837 ESPLANADE AVE MONTREAL QUE	B A 2 TA 5049
SHEINFELD ROSALYN 5 ST ELIZABETH ST ST ANNE DE BELLEVUE QUE 219 VILLENEUVE ST W MONTREAL QUE	TCH ELEM 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SHEINMAN LOUIS 4167 CLARK ST MONTREAL QUE	B COM 4 BE 3500
SHELDON HUNTINGTON 3851 UNIVERSITY ST MTL AMAGANSETT LONG ISLAND N Y U S A	B A 4 PL 5893
SHEPHERD ELEANOR K MACDONALD COLLEGE COMO QUE	P SC H EC 4
SHEPHERD FRANCIS E MACDONALD COLLEGE 205 LAKESHORE RD WOODLANDS QUE	HOMEMAKER 1
SHEPPARD JESSIE 3433 PEEL ST APT 2 MTL CORNER BROOK NFLD	M A 2 BE 8055
SHEPHERD JOAN ESTHER R V C 1002 18TH ST S LETHBRIDGE ALTA	B A 4
SHEPHERD JOHN M 1050 CANORA RD TOWN OF MOUNT ROYAL QUE	B ENG 2 AT 6539
SHEPPARD CHARLES GEO 179 SHERBROOKE ST E MTL 9 TORMEY ST APT 12 OTTAWA ONT	B SC 3 BE 2120
SHEPPARD RITA ALMEDA MCLENNAN HALL 746 MCINTYRE ST W NORTH BAY ONTARIO	B L S 1 PL 0800
SHERBECK LEANDER A 441 MAYOR ST APT 14 MONTREAL QUE	PH D 3 LA 6763
SHERMAN IGNACY M 56 6TH AVE VERDUN QUE	B ENG CH 3 YO 5010
SHERMAN NORMAN 4826 HARVARD AVE MONTREAL QUE	B A 2 DE 5129
SHERMAN ROBERT D 3482 DUROCHER ST APT 10 MONTREAL QUE 3 PINEWOOD AVE SARATOGA SPRINGS N Y	M A 1 PL 0787
SHERWIN ALLAN L 5200 HAMPTON AVE MONTREAL 29 QUE	B SC 2 EL 5188
SHEWCHUK WILLIAM MACDONALD COLLEGE 416 SUNNYSIDE AVE OTTAWA ONT	B SC AGR 4
SHIELDS CHARLES T MACDONALD COLLEGE 6 AVA ROAD TORONTO ONT	B SC AGR 3
SHIEMAN BRYAN MILLER 3468 ADDINGTON AVE MTL 332R E ST EURZKA CALIF U S A	MD CM 1 DE 4934
SHIERS ROY FREDERICK 1540 DECARIE BLVD VILLE ST LAURENT QUE 5008 VICTORIA AVE MONTREAL QUE	B SC 3 RY 7144
SHILLER GERALD JOSEPH 660 MCEACHRAN AVE OUTREMONT QUE	B COM 2 CR 3547
SHILLER HOWARD MORTON 3764 KENT AVE MONTREAL QUE	B ARCH 2 AT 0374
SHILLER JOYCE SOREL 122 ABERDEEN AVE WESTMOUNT QUE	B A 2 DE 2006
SHIN KA CHUEN ★75 1441 DRUMMOND ST MTL 14 MORRISON HILL RD HONG KONG	MD CM 1
SHINE ANTHONY 2045 GREY AVE N D G MONTREAL QUE	B ARCH 4 DE 3753
SHINE BERURIA RUTH 2045 GREY AVE N D G MONTREAL QUE	B F A 1 DE 3753
SHINER EDWARD VICTOR 12 CREPIN ST CHATEAUGUAY STATION QUE	B S W 1
SHIP HAROLD 492R SHERBROOKE ST WESTMOUNT QUE	B ARCH 6 DE 4550
SHIPMAN MARGARET E R V C 11 RIVERVIEW DONNACONA QUE	B A 4 UN 0206
SHKAROFSKY ISSIE 4315 CLARK ST MONTREAL QUE	B SC 3 BE 960R
SHKLAR IRIS SARI 512 CHAMPAGNEUR ST OUTREMONT QUE	B F A 3 CA 5042
SHLAIN LEAH MARLA R V C 10244 122ND ST EDMONTON ALTA	B A 2 PL 0634
SHONYO MARY JANE MACDONALD COLLEGE 381 COLLEGE ST MAGOG QUE	TCH ELEM 1
SHPAKOWSKY PAUL 515 6TH AVE LACHINE QUE	B ENG 2
SHRIAR RUPERT 6116 DUROCHER ST APT 3 OUTREMONT QUE	PARTIAL 0 VI 9871
SHRIAR SAMUEL HERTZ 5462 PARK AVE MONTREAL QUE	B C L 2 CA 9435
SHTERN ESTHER 6082 JEANNE MANCE ST MONTREAL QUE	B A 2 TA 8349
SHULMAN MARVIN O 1921 BARCLAY AVE MONTREAL QUE	B COM 1 AT 9124
SHULMAN ROBERT 4522 GIROUARD AVE MONTREAL 2R QUE	M SC 1 DE 2140
SHULMAN SHARON R 4750 FULTON AVE APT 1 MONTREAL QUE	B A 1
SHUTE ALISON M R V C COLLEGE HILL CLINTON NEW YORK U S A	B SC 2 UN 0217
SHULTZ VICTOR CECIL 6430 MONKLAND AVE APT 27 N D G MONTREAL QUE	MD CM 2
SHUSTER ABE 5194 GLOBERT AVE MONTREAL QUE	B C L 1 WA 4429
SHUTER MARCIA EVELYN 46 PERRAULT AVE ST ANNES 5168 ESPLANADE AVE MONTREAL QUE	TCH ELEM 1
SIBALIS JACK 32 PINEHURST AVE OTTAWA ONT	M SC 2
SICARD LIONEL JOSEPH 5133 BREBEUF ST MONTREAL QUE	B ENG EL 4 FR 9194

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SIDDALL MARGARET MACDONALD COLLEGE SUITE 18 COLONIAL HOUSE WINNIPEG MAN	M SC 2
SIDOPECHUK NICHOLAS 4 LAZARD AVE TOWN OF MOUNT ROYAL QUE	D D S 1 AT 0799
SIEBRASSE WILLIAM R 365 7TH AVE VILLE LASALLE QUE	B SC 2 TR 0060
SIEGEL IRVING M 2101 UNIVERSITY ST MTL 15 MILLET ST DORCHESTER 24 MASS USA	PARTIAL 0 HA 0263
SIEMERS W PETER 4224 DORCHESTER ST W WESTMOUNT QUE	B ARCH 4 FI 1811
SIEMS MARY LOU MACDONALD COLLEGE 1214 BROWN BLVD VERDUN QUE	TCH INT 1
SIEUWRIGHT ERIC C 3581 HUTCHISON ST MTL ABERFOYLE PERTHSHIRE SCOTLAND	M A 1 HA 5807
SIFTON ELIZABETH V 5295 MCKENNA AVE MONTREAL 26 QUE	B A 3 AT 5176
SIGLER DAVID A 4955 MAPLEWOOD AVE MONTREAL QUE	B ENG CI 4 AT 0165
SIGMAN HARVEY HAROLD 482R MELROSE AVE N D G MONTREAL QUE	B A 2 EL 6813
SIGNER NAOMI RIVA 5506 DUROCHER AVE OUTREMONT QUE	B A 2 TA 1222
SILBERBERG JACQUELINE 4363 COOKBROOK AVE N D G MONTREAL QUE	B A 3 DE 9250
SILVER CLAIRE MACDONALD COLLEGE 4851 ESPLANADE AVE MONTREAL QUE	TCH ELEM 1
SILVER GEORGE 474 ST CATHERINE RD OUTREMONT QUE	M SC 1 DO 6520
SILVER ISSIE 3876 ST LAWRENCE BLVD MONTREAL QUE	B A 2 MA 5831
SILVER MILDRED 630 QUERBES AVE APT 9 OUTREMONT QUE	B A 3 VI 2990
SILVER MORTY 546 WISEMAN AVE OUTREMONT QUE	B SC 1 CA 3607
SILVER SAMUEL M 2055 LINCOLN AVE APT 2 MONTREAL QUE 31 TOPSAIL RD ST JOHN S NFLD	B A 1 FI 8423
SILVERBERG MERVIN 4535 HUTCHISON ST MONTREAL QUE	MD CM 1 CR 0253
SILVERMAN MARVIN 5327 QUEEN MARY RD MONTREAL QUE	B SC 4 WA 1304
SILVERSMITH CHARLES 439 GROSVENOR AVE APT 14 WESTMOUNT QUE 143 TAPAN ST BROOKLINE 46 MASS U S A	B A 3 EL 0283
SILVERSTONE SHIRLEY B 5964 ESPLANADE AVE MONTREAL QUE	B A 2 CR 0652

NAME ADDRESS	COURSE & YEAR TEL. NO.
SIM NORMAN DAVID 3430 SHUTER ST MTL 438 ISLAND PARK DR OTTAWA ONT	B ENG 1
SIM PAUL MICHAEL WILSON HALL 438 ISLAND PK RD OTTAWA ONT	B COM 2
SIMAK MELVIN JACOB 468 STRATHCONA AVE WESTMOUNT QUE	PARTIAL 0 WA 1928
SIMARD JACQUES 1566 ST DENIS ST MTL PREVILLE QUE	PARTIAL 0 LA 6249
SIMBIRSKI ROSE MACDONALD COLLEGE BOX 701 ROUYN QUE	TCH ELEM 1
SIMCOE LEONARD 4265 CARLTON AVE MONTREAL QUE	B A 2 EX 9297
SIMITCH LILIANA 3548 MOUNTAIN ST MONTREAL QUE	B COM 2 BE 0810
SIMMERMAN LEONARD 887 WILDER AVE OUTREMONT QUE	B SC P E 3 DO 8597
SIMON JAMES ERWIN 1501 CLOSSE ST MONTREAL QUE	M A 1 WI 3800
SIMON ROGER ALAN WILSON HALL BLUE FLAG COTTAGE PAGET EAST BURMUDA	B A 3
SIMON SANDRA 4967 KENT AVE MONTREAL QUE	B A 1 AT 6260
SIMONS ELLYN ANN 1085 ST ROSE BLVD ST ROSE WEST QUE	M PS SC 1
SIMPSON DAVID HOPE C O GEOLOGY DEPT UNIVERSITY MUSEUM OXFORD ENGLAND	PARTIAL 0
SIMPSON DOUGLAS JAMES 370 LANSDOWNE AVE WESTMOUNT QUE 109 PINE ST S THOROLD ONT	B COM 4 DE 4476
SIMPSON GORDON C 4885 ST CATHERINE RD MONTREAL QUE	B ENG EL 5 AT 5331
SIMPSON HUGH MICHAEL 4547 DRAPER AVE N D G MONTREAL QUE	B ENG 2 WA 6485
SIMPSON JEAN STUART MACDONALD COLLEGE 478 VICTORIA ST DALHOUSIE N B	TCH INT 1
SIMPSON MARY LINDSAY 5981 COTE ST ANTOINE RD APT 23 N D G MONTREAL 77 MAPLE AVE NEW GLASGOW N S	GR N CERT 1 DE 7612
SIMP CELESTIN 4595 RIDGEVALE AVE MONTREAL QUE	B ENG 2 EX 1672
SINANIS JOHN 3490 CARTIER ST MONTREAL 24 QUE	B ENG 1 FR 1871
SINCLAIR MARTIN 6431 MCLYNN AVE MONTREAL QUE	M SC 2 EX 0971
SINGER BERTHA 433 ST JOSEPH BLVD W APT 7 MONTREAL QUE	PH D 3 CA 9494

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SINGER PAUL DAVID 3494 HUTCHISON ST APT 5 MONTREAL QUE C O DR NOSSBAUM PARDESS HANNAM ISRAEL	PARTIAL 0 HA 5581
SINGER PAULA DOREEN 6251 N D G AVE N D G MONTREAL 28 QUE	B COM 1 EL 0462
SINGER STANLEY DAVID 4455 DUPUIS AVE MONTREAL QUE	B A 1 EX 1228
SINGER SYLVIA ROBERTA 3330 RIDGEWOOD RD APT 5 MONTREAL QUE	B F A 3 EX 4053
SINGERMAN ARTHUR E 1460 VAN HORNE AVE OUTREMONT QUE	B COM 1 CA 6481
SINGERMAN CLAIR 5758 PLANTAGENET ST MONTREAL QUE	B A 4 AT 1296
SINNAMON JEAN M 372 CLARKE AVE WESTMOUNT QUE	B A 4 WI 3959
SINNOTT JOSEPH CYRIL 545 PINE AVE W MTL BRISTOL P E I	MD CM 2 MA 1545
SINSON ELWOOD A 2076 DECARIE BLVD MTL 101 S W 63RD CT MIAMI FLORIDA	B ENG CH 3 WA 4590
SITKO STEPHEN 871 VALIQUETTE AVE VERDUN QUE	B ENG 1 HE 6063
SIUKIN NORMAN 4541 MARCIL AVE MONTREAL 28 QUE	B ENG 1
SKAITH ANN PENFIELD R V C 112 DUNVEGAN RD TORONTO ONT	B A 2 UN 0168
SKEETE GEOFFREY T 3421 DRUMMOND ST MTL GROTTO DALKEITH RD BARBADOS B W I	B SC 4 LA 0950
SKELTON FRANCIS S 2278 WILSON AVE N D G MONTREAL QUE	M B SC 3 WA 4283
SKELTON JEFFERY A 3434 MCTAVISH ST MTL 125 CASTNER ST ARVIDA QUE	B COM 3 PL 4492
SKIDMORE WILFRED B WILSON HALL 21 LADYTHORN RD BRAMHALL CHESHIRE ENG	B SC 3
SKILLING GORDON F 1538 BURNSIDE PLACE MONTREAL 25 QUE	B SC 4 WI 0479
SKINKIS VICTOR J 2540 SHERBROOKE ST E MONTREAL QUE	B A 1 FR 8493
SKINNER G BERNARD DOUGLAS HALL 36 COBURG ST SAINT JOHN N B	MD CM 1
SKOLL SELMA DOVE 764 DE L EPEE AVE OUTREMONT QUE	B A 2 DO 5239
SKOMOROSKI ROBERT MAX 9716 CHARTON AVE MONTREAL 12 QUE	B SC 2 VE 4197
SLACKE ANN 1524 PINE AVE MONTREAL QUE	B A 2 FI 8262
SLADE ARTHUR GORDON DOUGLAS HALL FLIN FLON MANITOBA	B ENG MI 5
SLAGHT WILLIAM H 1509 SHERBROOKE ST W APT 78 MONTREAL QUE OTTERVILLE ONT	M SC 1 FI 2814
SLAPCOFF EDWARD 5177 PARK AVE MONTREAL QUE	B SC 2 DO 2287
SLATER DOUGLAS TORY MACDONALD COLLEGE ROACHVALE GUYSBORO CO N S	WI 4R3XC 2
SLATER JOHN GRAHAM L 570 MILTON ST APT 19 MONTREAL QUE	B SC 3 PL 8274
SLAUGHTER PETER H MACDONALD COLLEGE TERSANA SEA AVE RUSTINGTON SUSSEX ENG	B ENG MCH 5
SLAVEN LLOYD 5615 COTE DES NEIGES RD MONTREAL QUE	B ENG 2 EX 8005
SLIMOVITCH BERNARD 6008 JEANNE MANCE ST MONTREAL QUE	B SC 2 TA 8188
SLINN PATRICK CHARLES PRESBYTERIAN COLLEGE GRANTHAMS LANDING BRITISH COLUMBIA	B ENG 2 BE 0424
SLIPP ROBERT MUNRO 3427 TRENHOLME AVE MTL WOODSTOCK N B	M SC 1 EL 1488
SLIVA FRANK 3795 RIDGEVALE AVE APT 14 MONTREAL QUE	B COM 4 EX 7000
SLIWKA HENRY STANLEY 5670 MOLSON AVE MTL 7 GROVE AVE OTTAWA ONT	B SC P E 2 VI 6479
SLOANE GERALD LEROY 3475 RIDGEWOOD AVE MTL 1269 SO ORANGE DRIVE LOS ANGELES 35 CALIF USA	MD CM 2 EX 0834
SLONE MARA 5227 TRANS ISLAND MONTREAL QUE	B A 1 EL 2490
SLONE WILLIAM JOEL 885 BALL AVE MTL 410 BESSERER ST OTTAWA ONT	PARTIAL 0 DO 9890
SLOTNICK BERNICE MACDONALD COLLEGE 5041 ST URBAIN ST MONTREAL QUE	TCH INT 1
SLUZAR LUBA LARISSA 6847 DES ERABLES ST MONTREAL QUE	L MUS 3 CR 1813
SMALL EDWIN JOSEPH C P O BOX 154 MACDONALD COLLEGE QUE	D D S 4
SMALL HARVEY CALDON 500 PINE AVE WEST MTL 2326 UNIVERSITY AVE HONOLULU HAWAII	MD CM 1 RE 0327
SMALL PETER DEAN 5591 N D G AVE MONTREAL QUE	B A 3 DE 9972
SMALLEY ROBERT ROWAN 3655 OXENDEN AVE MTL 1611 N W 32ND AVE PORTLAND 10 OREGON U S A	MD CM 1 MA 3014
SMART CELINA ELLEM 5600 JEANNE MANCE ST MONTREAL 8 QUE	PARTIAL 0 TA 5906

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SMART HENRY JAMES 4073 HARVARD AVE MONTREAL QUE	D D S 4 DE 7433
SMART JOCELYN ANN R V C 11223 100 AVE EDMONTON ALTA	B SC P E 2
SMART KATHERINE P SCOTSBURN N S	GR N CERT 1
SMART PAMELA 85 CHURCH HILL ST WESTMOUNT QUE	B A 4 WI 1316
SMART RUTH BEATRICE 70 57TH AVE DIXIE LACHINE QUE	B A 2
SMILEY HELEN ISOBEL 284 EDISON AVE ST LAMBERT QUE	M S W 2
SMILEY RUPERT JOHN MACDONALD COLLEGE SHAWVILLE QUE	B SC AGR 3
SMITH ANTHONY F 1558 STANLEY ST APT 61 MONTREAL QUE 159 CHESTER RD GRAPPEN HALL WARRINGTON ENGLAND	★74 B ENG MCH 3 PL 5471
SMITH ARTHUR DANIAL 4131 SHERBROOKE ST W MONTREAL QUE 279 HERKIMER ST HAMILTON ONT	B COM 1
SMITH ASA JOSEPH 3466 MCTAVISH ST MTL 326 S PETERBORO ST CANASTOTA N Y U S A	MD CM 3 LA 9533
SMITH BARBARA MACDONALD COLLEGE 861 MOISSAN ST ARVIDA QUE	TCH ELEM 1
SMITH CHARLES JAMES 4166 ST CATHERINE ST MTL KNOX RD EAST AURORA NEW YORK U S A	M A 1 WI 0149
SMITH CHARLES WILLIAM WILSON HALL 20 ROSEMARY LANE TORONTO ONT	B ENG 2
SMITH DONALD ARTHUR 4502 OLD ORCHARD AVE MONTREAL QUE	PARTIAL 0 EL 5488
SMITH DONALD JOHN 4366 OXFORD AVE N D G MONTREAL QUE	B SC P E 1 EL 6030
SMITH DONALD M 644 LANSDOWNE AVE WESTMOUNT QUE	B COM 4 EL 3757
SMITH ELIZABETH ROSS R V C 8457 BRACE AVE DETROIT 28 MICH U S A	B SC 2 UN 0019
SMITH ERIC LAWRENCE MTL GENERAL HOSP 4575 W 9TH AVE VANCOUVER B C	MED DIPL 1 PL 7751
SMITH E WILLIAM 5145 COTE ST LUC RD APT 36 N D G MONTREAL QU	B ENG CI 5 EL 2687
SMITH GEORGE CONNELL 12450 LEFEBVRE ST CARTIERVILLE QUE	B ENG 2 BY 1956
SMITH GERALD ALLAN 1401 SHERWOOD CREST APT 12 TOWN OF MT ROYAL	B COM 2 EX 1857
SMITH GIBSON JOHN K 600 BRAULT AVE VERDUN QUE	B ENG MCH 4 TR 2605
SMITH HUGH LLEWELLYN 156 EASTON AVE MTL WEST 37 GREENWAY ST HAMDEN 14 CONN U S A	M A 1 EL 8303
SMITH IAN ALEXANDER 374 GROSVENOR AVE WESTMOUNT QUE	B COM 1 EL 4567
SMITH INGRID B 2020 METCALFE ST APT 12 MONTREAL QUE ST MARTINS N B	B L S 1 LA 2885
SMITH JACQUELINE R V C 80 MONTREAL ST SHERBROOKE QUE	A & S COM 1 UN 0168
SMITH JAMES HAMILTON 5121 CONNAUGHT AVE N D G MONTREAL QUE	B COM 2
SMITH JOHN HAROLD H 5568 LAURENDEAU ST MONTREAL QUE	★75 R ENG CI 3 HE 1703
SMITH JOY R 4041 VENDOME AVE N D G MONTREAL QUE	M PS SC 2 EL 9761
SMITH KATHLEEN BESSIE 3915A LACOMBE AVE MONTREAL QUE	PARTIAL 0
SMITH KENNETH CLYDE 353R SHUTER ST MTL 1R 2030 SANTA CLARA ALAMIDA CALIF U S A	MD CM 1
SMITH MARGARET S 1866 DORCHESTER ST W APT 8 MONTREAL QUE BOX 827 COCHRANE ONTARIO	B L S 1 WE 2695
SMITH MORTIMER SAUL 631 DE L EPEE AVE OUTREMONT QUE	B A 2 CR 4300
SMITH NANCY ORME 482 ROSLYN AVE WESTMOUNT QUE	B A 2 WA 6525
SMITH NORMAN EDWARD 3560 UNIVERSITY ST MTL 300 PRINCESS ST SAINT JOHN N B	PH D 3 PL 9957
SMITH OWEN NEVILLE 5173 CARTIER ST MONTREAL 34 QUE	B ENG 2 AM 5203
SMITH RAYMOND IVES 7 FINCHLEY RD HAMPSTEAD QUE	B SC 1 DE 6353
SMITH REGINALD D 353R HUTCHISON ST MTL OROMOCTO SUN CO N B	MD CM 1
SMITH ROBERT GRAHAM MACDONALD COLLEGE 863 FOURTH AVE VERDUN QUE	TCH INT 1
SMITH ROBERT JAMES 1650 SHERBROOKE ST W MTL 85 ELECTRIC ST OTTAWA ONT	B SC 4 FI 0544
SMITH ROBERT ROSS WILSON HALL 883 BLVD DES FORGES THREE RIVERS QUE	R ENG CI 4
SMITH ROGER WYNDHAM 4750 VERDUN AVE VERDUN QUE	R ENG MET 5 YO 5907
SMITH SHEILA WYNESS 60 NELSON STREET MONTREAL WEST QUE	R SC P E 2 DE 7125

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SMITH SIDNEY GERALD DOUGLAS HALL 10250 133 ST EDMONTON ALTA	B A 2 HA 9181
SMYTH VERNA AGNES 3660 LORNE CRESCENT APT 23 MONTREAL QUE 29 WESTCHESTER CRESCENT ST CATHARINES ONT	GR N CERT 1 HA 9779
SNELL SARAH ELLEN R V C PLEASANT VALLEY CAMBRIDGE VERMONT U S A	B SC 2
SNIDER MARY JOAN MACDONALD COLLEGE 473 BESSERER ST OTTAWA ONT	B SC H EC 3
SNOW HAROLD 1477 CLOSSE ST APT 3 MTL DEER LAKE NFLD	B SC 4
SNOW LORNA MARJORIE 4357 KENSINGTON AVE N D G MONTREAL QUE	B A 3 EL 5728
SNYDER RALPH WOOD 3571 HUTCHISON ST MTL 440 SOUTH PALM ST PONCA CITY OKLAHOMA USA	MD CM 2 PL 8821
SOAS JOHN MARCEL 753 LUSIGNAN ST MTL 17 EASTWOOD PARK RD HALF WAY TREE JAMAICA	B A 2 FI 9715
SOCRANSKY ISADORE S 474 BERWICK AVE TOWN OF MOUNT ROYAL QUE	B COM 2 AT 2328
SOFER SEYMOUR JOSEPH 5375 ESPLANADE AVE MONTREAL QUE	B SC 1 CR 1513
SOGA MARIE TAKAKO 3454 PEEL ST MTL 2340 DUNDAS ST VANCOUVER B C	GR N CERT 1 LA 6766
SOICHER RIVA BRENDA 3370 BARCLAY AVE MONTREAL QUE	M SC 1 EX 3467
SOKOLOFF SERGIO E 2055 MANSFIELD ST APT 15 MONTREAL QUE AUCNIDA 35 NO 36 74 BOGOTA COLOMBIA S A	B ENG CH 3 LA 3471
SOLES KENNETH W 4095 DECARIE BLVD N D G MONTREAL QUE	PARTIAL 0 DE 6690
SOLOMON CHARLES M 5057 VICTORIA AVE MONTREAL QUE	D D S 1 AT 7796
SOLOMON HYMAN 4673 ST CATHERINE RD MONTREAL QUE	B SC 1 AT 1912
SOLOMON LAWRENCE M 4851 FULTON AVE MONTREAL QUE	B A 2 AT 8220
SOLOMON PAULINE 4722 LACOMBE ST MONTREAL QUE	B A 2 EX 6491
SOLOMON SAMUEL 4643 JEANNE MANCE ST MONTREAL QUE	M SC 2 LA 1808
SOMERVILLE ANDREW B HEMMINGFORD QUE	B SC AGR 1
SOMMERVILL RONALD P 3617 LORNE CRESCENT MTL 870 UNIVERSITY DRIVE SASKATOON SASK	MD CM 2 LA 8013
SOPHIANOPOULOS A A 3419 UNIVERSITY ST MTL M D MARIAS ST NO 20 CORFU GREECE	B ENG 2 MA 0668
SORENSEN CARL C E 368 9TH AVE LACHINE MONTREAL QUE	B D 1
SORENSEN KENNETH EARL 2019 STANLEY ST APT 16 MONTREAL QUE	B ENG EL 4 BE 1425
SORENSEN WILFRED B 384 EARL ST KINGSTON ONT	B ARCH 3
SORLEY JAMES DOUGLAS MACDONALD COLLEGE R R 1 OTTAWA ONT	B SC AGR 4
SORRENTI GEORGE ROY 585 CAMBRIDGE ST WINNIPEG MAN	B ENG CH 4
SORRENTINO PATRICK 1455 CANORA RD TOWN OF MOUNT ROYAL QUE	B ENG 2 AT 4214
SORTOR RALPH F 3466 MCTAVISH ST MTL 133 SCHUYLER ST BOONVILLE N Y U S A	MD CM 2
SOSA JULIO ANTONIO WILSON HALL 7A CALLE DE CIUDAD VIEJA 39 GUATEMALA CITY GUATEMALA	B SC 3
SOUAID MARCEL J 995 DU PALAIS ST ST HYACINTHE QUE	B COM 3
SOUAID PAUL NICHOLAS 955 DU PALAIS ST ST HYACINTHE QUE	B A 2
SOUAID PIERRE RAMSAY 955 DU PALAIS ST ST HYACINTHE QUE	B A 1
SOUTHAM PETER YOUNG 28 SUNNYSIDE AVE WESTMOUNT QUE	B ENG 1 EL 5150
SOUTHAM ZOE 28 SUNNYSIDE AVE WESTMOUNT QUE	B A 1 EL 5150
SOVENKO DOREEN CECILE 524 81ST AVE POINT AUX TREMBLES QUE	B A 4
SPAC ROMEO JOHN 1036 STEPHENS AVE VERDUN QUE	B SC 3 TR 6186
SPANGENTHAL WILFRED 392 ROSLYN AVE WESTMOUNT QUE	B A 1 WA 9503
SPARKES DAVID B 1550 BISHOP ST MTL SHEARSTOWN NFLD	B SC 3 LA 9083
SPARKS ROBERT LATIMER 5660 QUEEN MARY RD MONTREAL 29 QUE	B COM 1 EL 6784
SPECTOR BERNARD D 4326 COOLBROOK AVE N D G MONTREAL QUE	B SC 1 WA 7568
SPECTOR NORMAN 5424 ST URBAIN ST MTL 2059 29TH ST ELMHURST LONG ISLAND N Y	B SC 2 CR 5427
SPECTOR SEYMOUR M 4387 MARCIL AVE N D G MONTREAL QUE	B C L 1 DE 4365
SPEER JAMES HENRY DOUGLAS HALL 270 MCGREGOR AVE SAULT STE MARIE ONT	B SC 4 UN 0028
SPEIDEL JOSEPH 3485 MCTAVISH AVE MTL 626 TALBOT AVE WINNIPEG MANITOBA	B ENG MET 5 RE 0424

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SPEIRS DEREK JAMES 5010 SHERBROOKE ST APT 3 WESTMOUNT QUE	B COM 1 DE 1575
SPENCE JOHN ALFRED 6237 5TH AVE MONTREAL 36 QUE	B ENG 2 CA 1586
SPENCER MARGERET R MACDONALD COLLEGE 40 ST CATHERINE ST BEAUHARNOIS QUE	HOMEMAKER 1
SPENCER VERA LOUISE PENZANCE SASK	B N 2
SPENTZOS GEORGE C 1918 DELORIMIER AVE MONTREAL QUE	M A 1 FA 3114
SPERLING GOESTA C 14 MELBOURNE AVE WESTMOUNT QUE	B A 3 FI 1640
SPHIKAS GEORGE B 1441 CRESCENT ST MTL SIX EPIROU ST ATHENS GREECE	B ENG 2 MA 8214
SPIEGEL ALBERT 680 DOLLARD BLVD OUTREMONT QUE	B SC 2 DO 6082
SPIEGEL KENNETH 680 DOLLARD BLVD OUTREMONT QUE	B ENG 1 DO 6082
SPIEGEL LAWRENCE E 2785 WESTMOUNT BLVD WESTMOUNT QUE	B COM 1 DE 5848
SPIEGEL MURRAY B 4090 MACKENZIE AVE MONTREAL QUE	B C L 1 EX 0321
SPIERS JOAN VIOLA 3577 PEEL ST MONTREAL QUE ★76	GR N CERT 1 HA 8790
SPILLER JOY ISOBEL 4066 MELROSE AVE N D G MONTREAL QUE	B A 3 DE 9622
SPINDLER HERBERT O 424 SHERBROOKE ST W APT 37 MONTREAL QUE	B COM 3 MA 4853
SPOWART DOROTHY MAY R V C BOX 167 GOLDEN B C	B SC 4 UN 0148
SPOWART MELVILLE A 3445 PEEL ST MTL BOX 167 GOLDEN B C	B COM 1 HA 9462
SPRATT GORDON W PRESBYTERIAN COLLEGE 3279 RAE ST REGINA SASK	B ENG MCH 3
SPRATT LAWRENCE M PRESBYTERIAN COLLEGE 3279 RAE ST REGINA SASK	B ENG 2
SPRIGGS BARBARA H BOX 92 STE ANNE DE BELLEVUE QUE	B SC AGR 1
SPRIGGS WILLIAM M BOX 92 ST ANNE DE BELLEVUE QUE	B SC AGR 4
SPRINGATE GORDON L V 8523 ONTARIO ST E TETREAULTVILLE QUE	B ENG 1 CL 6221
SPROTT WILLIAM L 4566 WILSON AVE N D G MONTREAL QUE	D D S 2 EL 2452
SPROULE DIANA 172 EDGEHILL RD WESTMOUNT QUE	B A 3
SPROULE JOHN A 2325 OXFORD AVE APT 18 N D G MONTREAL QUE	GRAD QUAL 1
SPROULE VIVIAN ARLENE 4581 WILSON AVE N D G MONTREAL QUE	M B SC 2 EL 4766
SQUIRE J MONTAGUE 22 WINCHESTER AVE WESTMOUNT QUE	B ENG MCH 5 EL 7579
STACEY COOPER HARRY JOHNS HOPKINS HOSP BALTIMORE MD U S A	MED DIPL 1
STACHCHENKO LEONARD 3863 COTE DES NEIGES RD MONTREAL QUE	B ENG EL 5 FI 8465
STACHIEWICZ EVVA T 432 ROSLYN AVE WESTMOUNT QUE	B SC 3 DE 0643
STAHLBRAND WILBERT B 6850 MOLSON ST ROSEMOUNT MONTREAL QUE	B ENG CI 5 CA 0863
STAINES ROBERT M 2050 MCGILL COLLEGE AVE MONTREAL QUE GLEN SUTTON QUE	B SC 4 LA 8986
STAIRS ELIZABETH R 841 LEXINGTON AVE WESTMOUNT QUE	B A 2 EL 5007
STALKER IAN CALDWELL 636 LANSDOWNE AVE WESTMOUNT QUE	B C L 3 EL 0615
STALKER MERRILL ERIC 3647 UNIVERSITY ST MTL ORMSTOWN QUE	MD CM 4 MA 2806
STAMATOPOULOS ARIS 3584 SHUTER ST MTL 181 MACKENZIE KING ST ATHENS GREECE	B ENG AM 3 BE 1631
STAMP BRYAN UNETT D DOUGLAS HALL 93 SLOANE ST LONDON ENGLAND	B A 2
STANGELAND RUTH ANN MACDONALD COLLEGE LA GABELLE QUE	TCH INT 1
STANGELAND TOR OSCAR 1210 PINE AVE W MTL LA GABELLE QUE	B C L 1 HA 0098
STANIFORTH ROBERT D 715 GROSVENOR AVE MONTREAL QUE	B COM 1 EL 2218
STANLEY BARBARA M 711 VICTORIA AVE WESTMOUNT QUE	B A 3 WA 3191
STANLEY ELIZABETH R 711 VICTORIA AVE WESTMOUNT QUE	B A 3 WA 3191
STANLEY THEODORE 8105 8TH ST WILMINGTON N C U S A	PARTIAL 0
STANLEY ROBERT E 3434 MCTAVISH ST MTL 186 FOREST HILL RD TORONTO ONT	B SC P E 4 PL 4492
STAPLES PRESTON C 1410 MACKAY ST APT 115 MONTREAL QUE	D D S 4 WI 9998
STAR ISIDORE 1035 JEAN TALON ST W APT 17 MONTREAL QUE	D D S 2
STARKEY BRUCE DOUGLAS HALL 2121 ELLIS ST BROCKTON MASS U S A	B A 3

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NAME ADDRESS	COURSE & YEAR TEL. NO.
STARR DAVID JOHN 58 SOMERVILLE AVE WESTMOUNT QUE	B ENG 2 DE 6213
STARR ROBERT COLES 58 SOMERVILLE AVE WESTMOUNT QUE	B ENG 2 DE 6213
STARZYNSKI FRANK J 72 HILLCREST AVE MONTREAL WEST QUE	B COM 4 WA 1801
STAUBLE ALFRED G DOUGLAS HALL 25 FITT ST PORT OF SPAIN TRINIDAD	B ENG 2
STAUBLE WILLIAM JOHN DOUGLAS HALL 25 FITT ST PORT OF SPAIN TRINIDAD	MD CM 3 RE 7205
STEACIE JOHN RICHARD 4200 MAPLEWOOD AVE MONTREAL QUE	B ENG EL 5
STEAD ARTHUR CAREY S 4095 COTE DES NEIGES RD APT 15 MONTREAL QUE	B A 4
STEADMAN DONALD WATT 3846 ST HUBERT ST MTL 610 RICHARD ST JOLIETTE QUE	B COM 2 HA 8906
STEARNS ADA 4000 BEACONSFIELD AVE MONTREAL QUE	B A 1 WA 3766
STEBER GEORGE 492 GROSVENOR AVE WESTMOUNT QUE	B ARCH 4 WA 8915
STECIUK EUGENE 92 DE MONTIGNY ST E MONTREAL QUE	B ENG 1 UN 3687
STEELE JAMES GRAHAM MACDONALD COLLEGE 5311 COTE ST LUC RD APT 12 N D G MTL QUE	B SC AGR 3
STEELE JOHN ROSS MACDONALD COLLEGE 66 BRIGHTON AVE OTTAWA ONT	B SC AGR 3
STEEPS WILLIAM H 2854 REGENT AVE N D G MONTREAL QUE	B D 3 DE 6289
STEEVES F ELIZABETH 4129 WESTERN AVE MTL STE ANNE DE BELLEVUE QUE	M S W 2 WI 7534
STEEVES MARGARET R 666 VICTORIA AVE WESTMOUNT QUE	B SC P E 3 DE 2871
STEFANO MICHAEL 3515 DUROCHER ST APT 72 MONTREAL QUE	B ENG 2 MA 8924
STEGEN FREDERICK P 3500 DUROCHER ST APT 4 MONTREAL QUE	B A 3 LA 0491
STEGEN GEORGE ALBERT 3473 UNIVERSITY ST MTL 3500 DUROCHER ST MONTREAL QUE	B A 3 MA 4902
STEIN ALLAN MANUEL 645 BLOOMFIELD AVE OUTREMONT 8 QUE	B A 1 CR 9275
STEIN BENJAMIN 560A JEANNE MANCE ST MONTREAL QUE	M S W 1 CR 9035
STEIN BORIS 5157 PARK AVE APT 3 MONTREAL QUE	B A 4 CR 9320
STEIN EDWARD MYER 645 BLOOMFIELD AVE OUTREMONT QUE	B COM 1 CR 9275
STEINBACH KARL R MACDONALD COLLEGE R R 1 MANSONVILLE QUE	AGR DIP 1
STEINBERG HARVEY A 4550 CIRCLE RD MONTREAL QUE	B COM 1 EX 4326
STEINBERG MAURICE 5407 DUQUETTE AVE N D G MONTREAL QUE	B C L 3 EL 9854
STEINBERG NATHAN 749 DE L EPEE AVE OUTREMONT 8 QUE	MUS B 3 DO 1418
STEINBERG RENA 426 ST JOSEPH BLVD W OUTREMONT QUE	B COM 2 CR 1087
STEINER GEORGES 4242 GIROUARD AVE MTL PARIS FRANCE	B SC 4 DE 8635
STEINER LOUISE J 4996 CIRCLE RD MONTREAL 6 QUE	B A 1 WA 1497
STEINMAN MALCA D 4307 ST URBAIN ST MONTREAL 18 QUE	B A 2 LA 6991
STEINMETZ NICHOLAS 4733 DORNAL AVE MONTREAL QUE	B SC 3 EX 5788
STENABAUGH JOYCE EVE 3480 ONTARIO AVE MTL 923 QUEENSDALE AVE E HAMILTON ONT	R L S 1
STENASON WALTER JOHN 4970 COTE DES NEIGES RD APT 5 MONTREAL QUE 2183 WINDSOR RD VICTORIA B C	B COM 3 AT 8862
STEPHEN CHARLES H 1408 OMER ST MONTREAL 5 QUE	B A 3 TU 1081
STEPHEN GEORGE M 655 VICTORIA AVE WESTMOUNT QUE	B ENG CI 5 WA 6910
STEPHEN GORDON R 655 VICTORIA AVE WESTMOUNT QUE ★77	B A 3 WA 6910
STEPHENS ANN M 5897 CLANRANALD AVE MONTREAL 29 QUE	B A 2 EX 4912
STEPHENS JOHN WESLEY 256 INDEPENDENCE DRIVE CHESTNUT HILL 67 BOSTON HANNA ALBERTA	PARTIAL 0
STEPHENS NANCY JANE MACDONALD COLLEGE 536 STANSTEAD AVE TOWN OF MOUNT ROYAL QUE	B SC H EC 3
STEPHENSON DONALD G 4430 COOLBROOK AVE N D G MONTREAL QUE	MD CM 1 WA 8338
STEPHENSON GEORGE L WILSON HALL P O BOX 26 RUSSELL ONT	B SC 2 UN 0247
STEPHENSON JOHN C 3581 UNIVERSITY ST MTL BOX 88 HUDSON QUE	B A 4 MA 3842
STEPHENSON LOUELL R 5033 GROSVENOR AVE MONTREAL QUE	B COM 4 AT 6476
STERIOPOULOS A 3530 ONTARIO AVE MTL 2 MANTZAROU ST ATHENS GREECE	B ENG CI 4 HA 8557

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NAME ADDRESS	COURSE & YEAR TEL. NO.
STERLING FRANCES M 1478 MOUNTAIN ST APT 3 MONTREAL QUE 130 NORTHUMBERLAND ST FREDERICTON N B	B SC P E 2 HA 5382
STERLING THOMAS M 1575 SUMMERHILL AVE APT 212 MONTREAL QUE	B COM 1 FI 4785
STERN DEENA MARION 1440 CRESCENT ST APT 1 MONTREAL QUE	B A 1 PL 6869
STERN JOHN 1228 ST MATTHEW ST MTL NAMUR QUE	B D 1 FI 0026
STERN LEO 4472 COLONIAL AVE MONTREAL QUE	B SC 4 BE 1154
STERN MURIEL H 376 REDFERN AVE APT 6 WESTMOUNT QUE	B SC 3 FI 3032
STERN RUTH 127 CLANDEBOYE AVE MTL 8 CHEMIN DE VERTHAMONT LIMOGES HAUTE VIENNE FRANCE	M S W 1 FI 9455
STERNTHAL MARTIN L 2940 BRIGHTON AVE APT 2 MONTREAL QUE	B SC 1 EX 7631
STETHEM DAPHNE G WHITE CHIMNEYS BEAURPAIRE QUE	B A 4
STETHEM WALTER C 419 PRINCE ARTHUR ST W MONTREAL QUE R R 1 BROCKVILLE ONT	B ENG MCH 5 HA 1088
STEVENS BERNARD A 2182 ST LUKE ST MTL C O MRS R LEJOUR ST PAUL L ERMITE QUE	B SC 4
STEVENS GEORGE D 771 HARTLAND AVE OUTREMONT QUE	B COM 1 EX 1371
STEVENS GLENDA IRENE MACDONALD COLLEGE 6590 MONKLAND AVE APT 14 N D G MONTREAL QUE	B SC H EC 1
STEVENS KATHRYN JOAN 6720 SHERBROOKE ST W N D G MONTREAL QUE	B A 3 DE 7358
STEVENS VALERIE FAY 5407 COOLBROOK AVE N D G MONTREAL QUE	PHYSIOTH 2 EL 3051
STEVENSON ALLISON B MACDONALD COLLEGE R R 2 HUNTER RIVER P E I	B SC AGR 4
STEVENSON IRA M MACDONALD COLLEGE BOX 340 SUMMERSIDE P E I	M SC 1
STEVENSON MARIANNE R V C 20 BREWSTER ST CAMBRIDGE 38 MASS U S A	B SC 2 UN 0088
STEVENSON PATRICIA 219 WOLSELY AVE MONTREAL WEST QUE	B A 1 AT 1444
STEVENSON RONALD L 3547 UNIVERSITY ST MTL 4866 COTE DES NEIGES RD APT 5 MONTREAL 26 QUE	M A 2 BE 0639
STEVENSON WATSON W 295 MELROSE AVE VERDUN 327 ST FRANCOIS XAVIER THREE RIVERS QUE	B ENG EL 3
STEVERLYNCK YVES 2044 METCALFE ST MTL 25 STE GENEVIEVE AVE QUEBEC CITY QUE	B ENG CI 3
STEWART ALICE MAXWELL 3438 STANLEY ST MONTREAL QUE	B S W 1 PL 3695
STEWART CHARLES R 4084 ST DOMINIQUE ST MONTREAL 18 QUE	M A 1 LA 4406
STEWART DAVID M 3622 LORNE CRESCENT MTL GRAFTON VERMONT U S A	MD CM 4 BE 4056
STEWART DAVID ROBIN 521 PRINCE ARTHUR ST MTL 21 HOWARD AVE SHERBROOKE QUE	B ENG CI 5
STEWART ELAINE M MACDONALD COLLEGE MAPLE GROVE CO MEGANTIC R R 1 QUE	TCH ELEM 1
STEWART ELIZABETH C 1122 LAIRD BLVD APT 26 TOWN OF MOUNT ROYAL QUE	B A 4 EX 8520
STEWART FRANCIS G DOUGLAS HALL BOX 253 RIVERS MANITOBA	B ENG MI 5 UN 0018
STEWART GEORGE A D 3519 LORNE AVE MTL 19 JOFFRE ST SHAWINIGAN FALLS QUE	B SC P E 4 MA 9625
STEWART JOHN DONALD 3571 HUTCHISON ST MTL 43 KENILWORTH AVE OTTAWA ONT	MD CM 1 PL 8831
STEWART KATHRYN D MACDONALD COLLEGE 246 CLEMOW AVE OTTAWA ONT	B SC H EC 4
STEWART KENNETH R 521 PRINCE ARTHUR ST W MONTREAL 21 HOWARD AVE SHERBROOKE QUE	MD CM 4 HA 1839
STEWART MARGARET H MACDONALD COLLEGE 1063 ST PAUL ST THREE RIVERS QUE	B SC H EC 3
STEWART MARY M A MCLENNAN HALL 344 W 72ND ST APT 1F NEW YORK CITY N Y U S A	B A 3 PL 0044
STEWART RICHARD P 521 PRINCE ARTHUR ST MTL 21 HOWARD AVE SHERBROOKE QUE	B ENG MCH 3
STEWART ROBERT T 4538 KENSINGTON AVE N D G MONTREAL QUE	B COM 1 EL 8172
STEWART WILLIAM A MACDONALD COLLEGE PORT EDWARD B C	B SC AGR 3
STEWART WILLIAM E 4230 CAVENDISH AVE APT 37 MONTREAL QUE	B ARCH 6 DE 0261
STEWART WINSTON G 3517 HUTCHISON ST MTL BOX 280 S W HARBOR ME U S A	MD CM 3 PL 6905
STIENNE CHARLES G 3541 LORNE AVE MTL 4152 VERGARA AVE HURLINGHAM ARGENTINA	B ENG 2

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
STIFFEL ICEA HELENA 3500 RIDGEWOOD AVE APT 304 MONTREAL QUE	L MUS 2 EX 7327
STILMAN CHARLOTTE 261 ST CATHERINE RD OUTREMONT QUE	B A 2 GR 5904
STILWELL BENJAMIN 3495 RIDGEWOOD AVE APT 104 MONTREAL P O BOX 50 CARMEL CALIF U S A	MD CM 2
STIMPSON DON DILLEN WILSON HALL 12 BARTON ST PRESQUE ISLE ME U S A	B A 1
STINSON DAVID ARNOLD 1245 REDPATH CRESCENT MONTREAL QUE	M SC 1 HA 0950
STIRLING BRUCE JAMES 101 FIFTH AVE VERDUN QUE	M B SC 2 YO 7854
STIRLING DONALD V 7649 LA SALLE BLVD VILLE LA SALLE QUE	B A 1 TR 1453
STIRLING JOHN BAIN 230 34TH AVE LACHINE QUE	B ENG MCH 4
STIRLING RODERICK J 3588 CLARK ST MONTREAL QUE	MD CM 3
STOCK JOHN JOSEPH 1285 DECARIE BLVD APT 2 VILLE ST LAURENT QUE	PH D 3 BY 0402
STOCKARD THOMAS J DENNISON AVE GRANBY QUE	MUS QUAL 1
STOKER PATRICK M 3495 RIDGEWOOD AVE MONTREAL QUE	B ARCH 6 AT 6170
STONE ENID ANN MACDONALD COLLEGE 4927 BESSBOROUGH AVE N D G MONTREAL QUE	B SC H EC 1
STONE HELEN GERTRUDE 5545 COTE ST LUC RD APT 35 MONTREAL QUE	M SC 1 WA 8786
STONELAKE GEORGE R 3025 SHERBROOKE ST W APT 2A MONTREAL QUE	B COM 3 WI 9665
STORDY STANFORD N 3429 PEEL ST MTL 6776 MARGUERITE AVE VANCOUVER B C	B A 2 PL 7385
STOREY WINNIFRED F 2515 VAN HORNE AVE APT 18 MONTREAL QUE	MD CM 1 AT 1906
STORRIER MELVILLE 1868 LECLAIRE ST MONTREAL 4 QUE	B ENG MI 5 TU 7974
STOTT ANNE MARY 4170 JEAN RENOU LACHINE QUE	B F A 1
STOUGHTON PETER V C 479A PRINCE ARTHUR MTL 192 SO MAIN ST WEST HARTFORD CONN U S A	MD CM 2 BE 0424
STOYANOVICH D P 258 SHERBROOKE ST MTL 1161 SAN RAFAEL HAVANA CUBA	B SC 2 BE 7102
STRACHAN ALISON ANN R V C 11 SEAVIEW AVE HALF WAY TREE JAMAICA	B SC 2 UN 0158
STRACHAN JAMES D 3800 COTE ST CATHERINE MONTREAL QUE	B ENG MCH 4 EX 1893
STRATHY GORDON M 3429 PEEL ST MTL HUDSON HEIGHTS QUE	B COM 3
STRAW DAVID JOHN WILSON HALL BRIERLEY COTTAGE COMBE DOWN BATH ENG	B SC 2
STREAN JOAN HOPE 656 LANSDOWNE AVE WESTMOUNT QUE	B A 4 EL 2312
STREEP ESTHER 1119 DUNVEGAN RD TOWN OF MOUNT ROYAL QUE	B A 1 AT 4468
STREETER CONSTANCE R V C 166 PROSPECT STREET BERLIN N H U S A	B SC P E 1
STRINGER EDWIN L 5847 PARK AVE MTL 276 OTTAWA ST N HAMILTON ONT	B SC 2 CA 7720
STROMBERG HYMAN 7757 STUART AVE MONTREAL 15 QUE	M SC 1 GR 4269
STRUTHERS DAVID ROSS 1174 CEDAR AVE MTL 20 RUE DE LA BAUME PARIS FRANCE	B A 4 FI 0657
STRUTHERS RAYMOND H 1441 DRUMMOND ST MTL APPLETON ONT	B SC 3
STUART JAMES RICHARD 5600 DECELLES AVE APT 14 MONTREAL 26 QUE	MED DIPL 2 EX 4194
STUBBS JOHN DOEHN WILSON HALL SUNNYSIDE SHELLY BAY BERMUDA	B SC 2 UN 0169
STUMP WERNER CARL 481 PRINCE ARTHUR ST W MONTREAL QUE UNION NO 71 MEXICO 18 D F MEXICO	B ENG CH 3 LA 9489
STURGESS DOUGLAS H 726 MANNING AVE MONTREAL 19 QUE	B ENG CI 3 JA 1679
STURTON AINSWORTH 5500 VICTORIA AVE APT 8 MONTREAL QUE	B ENG CH 5 EX 0683
STUTT HOWARD ANDREW 4567 EARNSCLIFFE AVE MONTREAL QUE	M A 1 EL 4584
SUART GEORGES 495 PRINCE ARTHUR ST W MONTREAL QUE	B SC 3 LA 7829
SUGGETT JOHN S M 2053 METCALFE ST MTL 9 EUCLID AVE OTTAWA ONT	B SC 3 BE 0376
SULLIVAN DANIEL E 3585 PEEL ST MTL 1001 PRENDERGAST AVE JAMESTOWN N Y U S A	B A 3 MA 1018
SULLIVAN THOMAS J JR 99 EASTON AVE MONTREAL WEST QUE	MD CM 1 WA 8544
SUMMERSBY JOHN HALL BOX 250 MACDONALD COLLEGE QUE	MD CM 4
SUMMERTON JOAN M MACDONALD COLLEGE 7030 LOUIS HEMON ST MONTREAL QUE	TCH ELEM 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
SUMNER ELIZABETH ANN 4885 GROSVENOR AVE MONTREAL 6 QUE	B A 4 AT 6116
SURCHIN HYMAN H 4867 DRAPIER AVE MONTREAL QUE	MED DIPL 4 WA 9807
SURPRENANT REAL 2758 PIE IX BLVD MTL GALLAGHER S HOTEL PHILIPSBURG QUE	B COM 1 CL 0835
SUSSER ISIDORE W 4095 HENRI JULIEN ST MONTREAL QUE	D D S 3 BE 3649
SUSSLIN ALFRED GOULD 3581 DUROCHER ST MTL 73 HIGH ST ST ALBANS VERMONT U S A	D D S 2 HA 7778
SUSSMAN DAVID 2767 MAPLEWOOD AVE APT 307 MONTREAL QUE	B A 2 EX 7679
SUSSMAN ROSA 6084 JEANNE MANCE ST MONTREAL QUE	B A 4 TA 6945
SUTCLIFFE FRANK H 10760 ST URBAIN ST MONTREAL 12 QUE	B ENG CI 3
SUTHERLAND DIANA H 31 RICHELIEU PLACE MONTREAL QUE	B A 3 LA 6843
SUTHERLAND ELIZABETH 781 UPPER BELMONT AVE WESTMOUNT QUE	B A 4 EL 4812
SUTHERLAND JOAN F 5710 SHERBROOKE ST W MONTREAL QUE	B ARCH 5
SUTHERLAND JOHN 458 MCLEOD ST OTTAWA ONT	B ENG CI 5
SUTHERLAND RONALD 4283 ADAM ST MONTREAL 4 QUE	B A 1 CL 4946
SUTHERLAND THOMAS H 2059 MCGILL COLLEGE AVE MONTREAL QUE 721 KILDONAN DRIVE WINNIPEG MAN	B SC 4 LA 8986
SUTIRIOU GEORGE 3436 DUROCHER ST APT 10 MONTREAL QUE 40 EVANGELISTRIAS CALLITHEA ATHENS GREECE	B ENG 1
SUTTIE FREDERICK G 4304 MADISON AVE N D G MONTREAL QUE	B SC 4 DE 3703
SWAIL JOHN PETERSON 11 ELLERDALE RD HAMPSTEAD QUE	B COM 3 EL 5066
SWAINE RALPH LORNE 505 CLAREMONT AVE WESTMOUNT QUE	MD CM 1 EL 9618
SWANN DOROTHY ELLEN R V C 67 CHESTNUT ST DEDHAM MASS U S A	B A 1
SWANZEY EUGENE HARRY 3454C PEEL ST MTL 9411 35TH AVE S W SEATTLE 6 WASH U S A	MD CM 4 BE 1282
SWEENEY CHARLES E 784 MANNING AVE VERDUN QUE	B ENG CI 3 TR 4096
SWEENY GEORGE PATRICK 3739 HUTCHISON ST APT 4 MONTREAL QUE 567 MAIN ST YARMOUTH N S	MD CM 1 LA 1748
SWEETNAM OLIVE C MACDONALD COLLEGE 24 MARY ST NEW LISKEARD ONT	B SC H EC 1
SWITZER LIONEL SCOTT 498 DAWSON AVE OTTAWA ONT	B ARCH 5
SWOGER DONALD CLYDE 3508 UNIVERSITY ST MTL 551 BELLEVUE ST MONTREAL QUE	B A 3 HA 4873
SYBULSKI STELLA 2803 HOLT ST ROSEMOUNT QUE	B SC 1
SYLVESTER MAITLAND R 3541 LACOMBE AVE MONTREAL QUE	B SC 1 AT 2335
SYME ANDREW M 5520 VICTORIA AVE APT 16 MONTREAL QUE	M SC 1 EX 0483
SYNOWICKA SABINA T 2529 GASCON AVE MONTREAL QUE	B SC 1 HO 3950
SZABO ALEXANDER J 3518 CLARK ST MTL 1293 DUFFERIN PLACE WINDSOR ONT	B ENG MCH 5 BE 8359
SZABLOWSKI GEORGE J 4300 ST URBAIN ST APT 5 MONTREAL QUE	B C L 1 HA 4012
SZARVAS JAMES A 3025 SHERBROOKE ST W APT 37 MONTREAL QUE 1762 DUNN ST NIAGARA FALLS ONT	B ENG 1 WE 3224
SZASZ GEORGE 1189 GUY ST 1337 MINTO CRESCENT VANCOUVER B C	B SC 3 WI 6970
SZOSZKOWSKI JANET J 2154 L ESPERANCE ST MONTREAL 24 QUE	B A 1 HO 8810

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NAME ADDRESS	COURSE & YEAR TEL. NO.
TAFT RUSSELL HENRY 3581 UNIVERSITY ST MONTREAL QUE	B SC 2 MA 3842
TAGGART WILLIAM REID 1441 DRUMMOND ST MTL 783 INGERSOLL ST WINNIPEG MAN	M A 1
TAI YUE SHING 3576 STE FAMILLE ST RM 12 MONTREAL 18 QUE	M ENG 1
TAIT LESLIE JOHN 4034 OXFORD AVE N D G MONTREAL QUE	B ENG MCH 4 EL 5630
TAITELBAUM GITA 6249 DE VIMY AVE MONTREAL QUE	B SC 4 AT 2520
TAKEFMAN FROMA 5201 WESTBURY AVE MONTREAL QUE	B A 1 AT 7271
TAKESHIGE MAURICE Y 3345 GOYER RD APT 3 MONTREAL QUE	M ENG 2 EX 7165

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NAME ADDRESS	COURSE & YEAR TEL. NO.
TALLER HERBERT 3879 DE BULLION ST MONTREAL 18 QUE	B COM 4 MA 7273
TALLON JOHN B 3617 LORNE CRESCENT MTL 116 2ND STE CORNWALL ONT	MD CM 4 LA 8013
TALMA JEAN MACDONALD COLLEGE PLN OGLE EAST COAST DEMERARA BRIT GUIANA	AGR DIP 2
TAMBLING KIRK ARTHUR MACDONALD COLLEGE 2356 KINGSTON AVE MONTREAL QUE	B SC AGR 2
TANG FONG RALPH 1441 DRUMMOND ST MTL 113 TRAGARETE RD PORT OF SPAIN TRINIDAD	B ENG 1 MA 4171
TANK GAYNA ADRIE MACDONALD COLLEGE 77 ST CHARLES RD GREENFIELD PARK QUE	TCH ELEM 1
TANNENBAUM LOUIS 5602 PARK AVE APT 6 MONTREAL QUE	B A 2 CR 9319
TARAN CHARLES 4075 ESPLANADE AVE MONTREAL QUE	B COM 2 MA 4497
TARASOFSKY EDWARD 5272 ESPLANADE AVE MONTREAL QUE	B SC 1 CA 1765
TARDIF JOSEPH S R 4401 BARCLAY AVE APT 6 MONTREAL QUE	R ENG EL 4
TARLTON AUDREY CAROLE 1455 DRUMMOND ST APT 310 MONTREAL 25 QUE	B A 1 BE 1630
TASSIE WILLIAM J 3485 MCTAVISH ST MTL R R 2 VERNON B C	B ARCH 5 PE 0424
TATE ROBERT ALLAN 4326 SHERBROOKE ST W WESTMOUNT QUE	B A 3 FI 7302
TATLOCK JOHN F 1809 FAYOLLE AVE VERDUN QUE	B SC 1 HE 1960
TAUB BARBARA JOAN 5034 GROSVENOR AVE MONTREAL QUE	B A 2 AT 9736
TAUBE JANIS 633 UNDERHILL PLACE MONTREAL QUE 194 JARVIS ST APT 30 TORONTO ONT	B ENG 1 MA 7814
TAUSSIG ANDREW 3941 BARCLAY ST MONTREAL QUE	B SC 3 EX 4710
TAVISS STAN 1035 ST VIATEUR ST W APT 5 OUTREMONT QUE	B A 2 DO 4565
TAVRINS EGINA 322 WESTMINSTER AVE MONTREAL WEST QUE	A & S COM 1 WA 9258
TAYLOR ALEXANDER F PRESBYTERIAN COLLEGE 190 GENEVA ST ST CATHARINES ONT	B SC 1
TAYLOR BRUCE MELVILLE 7471 ST DENIS ST MONTREAL QUE	B ENG 2 CR 7041
TAYLOR CAROL M MACDONALD COLLEGE 632 MOISAN ST DRUMMONDVILLE QUE	B SC H EC 1
TAYLOR CHARLES M 436 ST CATHERINE RD OUTREMONT QUE	B A 3 CA 6595
TAYLOR DAVID HUDSON 515 ROSLYN AVE WESTMOUNT QUE	M A 1 DE 4175
TAYLOR EARLA ANN P 42 BALLANTYNE AVE MONTREAL WEST QUE	B SC P E 3 EL 2707
TAYLOR EDWARD JOHN 3501 WALKLEY AVE MTL BOX 213 BROCKVILLE ONT	M S W 2
TAYLOR FREDERICK C 6012 SHERBROOKE ST W APT 3 N D G MTL QUE	M SC 2
TAYLOR GEOFFREY B 436 ST CATHERINE RD MONTREAL QUE	R ENG CI 5 CA 6595
TAYLOR HARLAND W 3507 SHUTER ST MTL 153 BIRCH ST ROSLINDALE MASS U S A	M A 2 PL 5328
TAYLOR JESSIE E 5727 DOUSSIN AVE APT 1 MONTREAL QUE 100 LANSDOWNE AVE FREDERICTON N B	M S W 2 EX 6913
TAYLOR JOHN KEITH 3202 TREMBLAY AVE MONTREAL QUE	R ENG EL 3 AT 1360
TAYLOR LESTER JOHN R MACDONALD COLLEGE 2 WINCHESTER RD H W T JAMAICA B W	B SC AGR 4
TAYLOR MARY BOSHER R V C 252 LAURIER AVE QUEBEC CITY QUE	B A 1
TAYLOR MARY DOREEN 8 WEREDALE PARK MTL 4214 WEST 14 AVE VANCOUVER B C	B L S 1 WE 3532
TAYLOR MARY HELEN R V C 15403 SO WHITE ST COMPTON CALIF U S A	B SC 3 UN 0296
TAYLOR MARY LOUISE R V C R R 1 YORK MILLS TORONTO ONT	B A 3 UN 0138
TAYLOR ROBERT BURT 25 56TH AVE LACHINE 854 RICHMOND ST LONDON ONT	M SC 1
TAYLOR RONALD GEORGE 3561 HUTCHISON ST MTL MASSAWIPPI QUE	B ENG EL 5 LA 0565
TAYLOR RONALD JOSEPH 253 EDGEMONT AVE S HAMILTON ONT	D D S 1
TAYLOR ROY FALKENER 69 WICKSTEED AVE TOWN OF MOUNT ROYAL QUE	R ENG CH 5 AT 9096
TAYLOR RUTH M 20 KIRK ST FARNHAM QUE	B A 2
TEAKLE ANNE ELIZABETH MACDONALD COLLEGE 459 STRATHCONA AVE WESTMOUNT QUE	TCH INT 1
TEANY ARTHUR ROY 5150 DECARIE BLVD APT 12A N D G MONTREAL	R ENG EL 3 DE 3922

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NAME ADDRESS	COURSE & YEAR TEL. NO.
TEASDALE GRAEME 19 RIVERVIEW AVE VILLE LASALLE QUE	B A 2
TEDFORD CLAIR ARNOLD 1500 SHERBROOKE ST MTL 255 QUEEN ST TRURO N S ★71	B SC P E 3
TEES MIRIAM HADLEY 646 BELMONT AVE WESTMOUNT QUE	B L S 1 WA 1426
TEITELBAUM LIONEL 1901 CLINTON AVE MONTREAL QUE	B COM 1 EX 13??
TELFER ISABEL JEAN R V C BOX 553 HUNTINGDON QUE	B A 2 UN 0148
TELLER SABINA 6023 WILDERTON AVE MONTREAL QUE	B A 3 EX 2013
TEMPLETON MARGARET J MACDONALD COLLEGE RIVERFIELD QUE	B SC H EC 2
TENCER DAVID 703 MCEACHRAN AVE OUTREMONT QUE	B COM 2 DO 2752
TENENBAUM ROBERT 2046 MANSFIELD ST MTL 70 E 83RD ST NEW YORK 28 N Y U S A	B A 4 MA 0558
TENNANT IVAN COXON N 5540 QUEEN MARY RD MONTREAL QUE	M B SC 3 DE 5320
TERRIER DE LA CHAISE 4400 WESTERN AVE WESTMOUNT QUE 26 RUE DES FOSSES ST JACQUES PARIS	M A 1 WE 1468
TETRAULT JACQUES 1587 MCGREGOR ST MONTREAL QUE	B C L 2 FI 0836
TETREAULT ERNEST R MACDONALD COLLEGE BOX 237 WATERLOO QUE	TCH ELEM 1
TEUSCHER ANNEMARIE 4855 LACOMBE AVE MONTREAL QUE	B F A 3 AT 5030
THIBAULT GUY 3541 SHUTER ST MTL 98 DE LA FABRIQUE MATANE QUE	B ENG 1
THIBAULT J L PAUL 5270 7TH AVE MONTREAL 36 QUE	B ENG MC 4 FR 5895
THICKE ROBERT HOWARD 418 PINE AVE W APT 12 MONTREAL QUE	B ENG 1 LA 5723
THILLAYE BERNARD C 3550 RIDGEWOOD AVE APT 32 MONTREAL QUE	B SC 3 EX 7978
THOM ROBERT CHARLES 3851 UNIVERSITY ST ERNFOLD SASK	B SC 3 UN 0068
THOMAS ARTHUR ROY H 39 DUFFERIN RD MONTREAL QUE	B A 4 DE 7024
THOMAS DAVID JOHN 3485 MCTAVISH ST MTL 1485 DAVIE ST VANCOUVER B C	B ENG CH 5 RE 0404
THOMAS GERDA JOAN 1536 ST MARK ST MONTREAL QUE	B A 1 FI 4493

NAME ADDRESS	COURSE & YEAR TEL. NO.
THOMAS GORDON 59 KILBARRY CRESC MANOR PARK OTTAWA ONT	PH D 4
THOMAS IRENE MACDONALD COLLEGE 993 BRONSON AVE OTTAWA ONT	B SC H EC 4
THOMAS JAMES ROYD MACDONALD COLLEGE CREIGHTON RD DUNDAS ONT	M SC 1
THOMAS JAMES H 1536 ST MARK ST MONTREAL QUE	B A 2 FI 4493
THOMAS JAMES MALCOLM 5219 CONNOUGHT AVE N D G MONTREAL	B COM 3 DE 8312
THOMAS KENNETH M 114 ROSS AVE OTTAWA ONT	B ENG MCH 5
THOMAS MILTON PARKER 2277 MARCIL AVE N D G MONTREAL QUE	M ENG 1 EL 6832
THOMAS RAYMOND C DOUGLAS HALL 404 EAST 147TH ST CLEVELAND 10 OHIO U S A	P A 4 LA 5571
THOMAS TELFER LAWSON 8 LANGEVEN ST CHAMBLY CANTON QUE	B SC 2
THOMASON MARIE HELENE MACDONALD COLLEGE 120 CASTNER ST ARVIDA QUE	B SC H EC 1
THOMPSON BENJAMIN L 3510 HUTCHISON ST MTL SAVANNA LA MAR JAMICA B W I	MD CM 3 MA 0021
THOMPSON CARLYLE G 5581 DARLINGTON AVE MONTREAL 26 QUE	B SC 4 AT 1244
THOMPSON ELIZABETH ANN 60 STRATFORD RD HAMPSTEAD QUE	B A 3
THOMPSON ELIZABETH J 139 COOLBREEZE AVE LAKESIDE QUE ★80	B SC P E 2
THOMPSON GORDON BRUCE DOUGLAS HALL 1163 WEST 41ST AVE VANCOUVER B C	MD CM 3 UN 0028
THOMPSON LINDA JUNE 60 STRATFORD RD HAMPSTEAD QUE	H SC P E 1 EL 5303
THOMPSON LLOYD M 3562 MOUNTAIN ST APT 5 MONTREAL 25 QUE	PH D 3
THOMPSON MARY HELEN 77 HEATHDALE RD TORONTO ONT	B L S 1
THOMPSON NIGEL F 3940 COTE DES NEIGES RD MONTREAL QUE	B COM 2 FI 9203
THOMPSON PAMELA C 206 DUFFERIN RD HAMPSTEAD QUE	B SC 2 EL 8551
THOMPSON PHILIPPA C R V C BOX 404 GRIMSBY ONT	B A 4 UN 0206
THOMPSON RICHARD M 139 COOLBREEZE AVE LAKESIDE QUE	B ENG 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
THOMPSON ROBERT D 420 PRINCE ARTHUR ST W MONTREAL QUE	B ARCH 5 MA 1491
THOMPSON WILLIAM ALLEN 918 HARTLAND AVE OUTREMONT QUE	B SC 2 EX 7720
THOMPSON WILLIAM J 419 PRINCE ARTHUR ST W MONTREAL QUE 67 ORCHARD ST BROCKVILLE ONT	B ENG EL 4 HA 1088
THOMSON ALEXANDER 3454C PEEL ST MTL 6H7 ISLAND ROAD VICTORIA B C	MD CM 4 PE 1286
THOMSON ALEX BLAIR 1486 CHOMEDY ST APT 4 MONTREAL QUE 660 PARK STREET S PETERBOROUGH ONT	B SC P E 3 WI 8520
THOMSON ALLAN WHYTE 1265 DECARIE BLVD APT 33 ST LAURENT QUE APT 9 BELMONT APTS REGINA SASK	MD CM 3 BY 8517
THOMSON BRUCE D 4612 ST CATHERINE ST WESTMOUNT QUE	B COM 3 WI 5444
THOMSON DOUGLAS L DOUGLAS HALL 108 4TH AVE YORKTON SASK	MD CM 1 UN 0028
THOMSON HARRY SCOTT 1400 DECARIE BLVD APT 2 VILLE ST LAURENT QUE 78 COMMUNITY APTS SASKATOON SASK	MD CM 3 RY 8176
THOMSON HUGH M BOX 490 SAULT STE MARIE ONT	★B1 M SC 2
THOMSON JOHN ARTHUR 3521 UNIVERSITY ST MONTREAL QUE	B SC 2 HA 0570
THOMSON MARGERY A MACDONALD COLLEGE 20 DE LA REINE SOREL QUE	TCH INT 1
THOMSON PETER A MACDONALD COLLEGE ABBOTSFORD QUE	B SC AGR 3
THORKELSON JOYCE R V C GIMLI MAN	B A 2
THORNTON CLARENCE E 3557 DUROCHER ST 660 BELMONT AVE NEWARK 8 N J U S A	MD CM 1 HA 7512
THORNTON MARGARET AMY R V C 1 PARK VILLAS WALLSEND ON TYNE ENG	M B SC 3 UN 0038
THOROGOOD IRIS 3517 HUTCHISON ST MTL 568 RITHET ST VICTORIA B C	MD CM 3 PL 6905
THOW ISOBEL MARNA W 4835 CEDAR CRESCENT MONTREAL 6 QUE	B A 4 EL 5494
THRALL CHARLES H 36 GEORGIAN RD MORRISTOWN N J U S A	B ENG EL 5
THURBER MARGARET S R V C BAIE COMEAU QUE	B A 4 UN 0206
THUROCZY NICHOLAS MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 3
TIDEN PAUL EDWARD 40 OAKLAND AVE WESTMOUNT QUE	B COM 4 DE 4343
TIDMAN PATRICK ALLEN MACDONALD COLLEGE 191 SHERBROOKE ST PETERBORO ONT	MD CM 3
TIFFEN ARTHUR WILLIAM 6175 ANGERS ST MONTREAL 20 QUE	B D 2 TR 8933
TILLEY DAWSON H 5575 QUEEN MARY RD HAMPSTEAD QUE	B COM 3
TILLEY DONALD E 3205 LINTON AVE MONTREAL QUE	PH D 3 EX 8137
TILTON FLOYD H 3426 STANLEY ST MTL 1202 E ACACIA ST GLENDALE CALIF U S A	MD CM 1 PE 0360
TIMMINS DONALD B MACDONALD COLLEGE 305 BROCK AVE N MONTREAL WEST QUE	AGR DIP 1 WA 3040
TIMMINS ELIZABETH A 1336 REDPATH CRESCENT MONTREAL QUE	B A 1 MA 6478
TIMMINS MARY THERESE 1227 SHERBROOKE ST W APT 112 MONTREAL QUE	PARTIAL 0 HA 9005
TIMMINS ROBERT N 14 SUNNYSIDE AVE WESTMOUNT QUE	B ENG 1 FI 1910
TIMMIS WILLIAM GORDON WILSON HALL 12 ST MAURICE TERRACE CAP DE LA MADELEINE QUE	B A 2
TIMOFEEFF NICOLAY P 3588 ST FAMILLE ST MTL ISLE MALIGNE QUE	B ENG 2 HA 0969
TINDALE WILLIAM P 5000 CLANRANALD AVE APT 402 N D G MTL QUE	B SC 4 WA 7894
TINGLE BARBARA LOWE 5030 HAMPTON ST MONTREAL QUE	B SC 1 WA 2006
TINK ROLAND ROBERT 4708 GROSVENOR AVE MTL 343 WINONA AVE OTTAWA ONT	PH D 2 EL 4844
TISSENBAUM BEN 4441 ESPLANADE AVE APT 6 MONTREAL QUE	B A 3 HA 5444
TITUS GREGORY LAW 3536 ADDINGTON AVE MTL 14 ELM ST YARMOUTH NORTH N S	B SC P E 3 DE 3140
TITUS JOSEPH FRANKLYN 1025 SHERBROOKE ST W MONTREAL QUE MARYSVILLE N B	B COM 4 PE 0336
TIVERS HELEN CAROLINE 1640 DARLING ST MONTREAL QUE	B A 1 CH 1572
TJELIOS DIMITRIOS N 1887 SHERBROOKE ST E MONTREAL QUE	B SC 1 AM 1760
TJELIOS GEORGE N 1887 SHERBROOKE ST E MONTREAL QUE	B COM 3 AM 1760
TOBENSTEIN MURIEL 4564 ST DOMINIQUE ST MONTREAL QUE	B COM 4 MA 5338

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NAME ADDRESS	COURSE & YEAR TEL. NO.
TOBMAN MALCA 5520 HUTCHISON ST OUTREMONT QUE	B ARCH 4 TA 3854
TODD JEAN ELIZABETH R V C 8203 GRUBB RD APT 202 SILVER SPRING MD U S A	MD CM 2 UN 0088
TODD JOHN EVERETT 237 KENSINGTON AVE WESTMOUNT QUE	B A 3 WE 5655
TODD LIONEL 4414 WILSON AVE MONTREAL 28 QUE	B ENG 2 EL 4240
TODD MARGARET ALISON R V C 8203 GRUBB RD SILVER SPRING MD U S A	B SC 2 UN 0198
TODD MARTIN GEORGE 3474 MCTAVISH ST MTL 211 WATER ST N GALT ONT	B ENG MET 4 MA 7268
TODD TERENCE CHARLES 438 KINDERSLEY AVE TOWN OF MOUNT ROYAL 944 ST CHARLES ST VICTORIA B C	MED DIPL 1 EX 2015
TOLCHINSKY HYMAN M 4708 VAN HORNE AVE MONTREAL QUE	B ARCH 5 EX 8874
TOLCHINSKY SOL 6265 CLANRANALD AVE MONTREAL QUE	B A 1 AT 5648
TOMAS FRANCISCO 3683 HENRI JULIEN ST MONTREAL QUE	B SC 1 RE 9530
TOMIUK DANIEL B I 1090 SHERBROOKE ST LACHINE QUE	M SC 1
TOMKINS GEORGE S 6560 BEAULIEU ST MONTREAL 20 QUE	M A 1 TR 3206
TOMLINSON DAVID H 3434 MCTAVISH ST MTL 1209 PREMIER WAY CALGARY ALBERTA	B COM 2 FL 4492
TOMLINSON DUDLEY M 1189 GUY ST MTL 2 PENRITH RD CROSS ROADS JAMAICA B W	B SC 3 GL 3252
TOMPKINS KATHRYN RITA 4080 WELLINGTON ST RM 11 MONTREAL QUE	PARTIAL 0 TR 6635
TOOGOOD JOHN HOWARD 592 UNIVERSITY AVE TORONTO ONT 5206 DECARIE BLVD APT 9 N D G MONTREAL QUE	MED DIPL 3
TOOHEY RUTH HELEN MACDONALD COLLEGE 2368 BEACONSFIELD AVE N D G MONTREAL QUE	TCH ELEM 1
TOOMBS JAMES F 58 GUILBAULT ST MTL 12 ELM AVE CHARLOTTETOWN P E I	B ARCH 6 MA 7613
TOOTH GORDON THURBER 214 SIMCOE AVE TOWN OF MOUNT ROYAL QUE	B SC 1 AT 3160
TOOVEY EDNA WILSON 3520 MCTAVISH ST MONTREAL 2 QUE	M SC 1 MA 4343
TOPAZIAN DAVID S 3548 MOUNTAIN ST MTL 66 BOWMAN AVE PORT CHESTER N Y U S A	D D S 1 PE 0810

NAME ADDRESS	COURSE & YEAR TEL. NO.
TORODE FRANK ALFRED 8247 QUERBES AVE MONTREAL QUE	B COM 3 CA 0491
TORRANCE PAMELA L R V C 165 TEDDINGTON PARK TORONTO ONT	B A 1
TOSCANO ELIZABETH M R V C MONTREAL QUE	B A 4 UN 0180
TOSTEVIN JERRY W 25 THORNTON AVE TOWN OF MOUNT ROYAL QUE	B ENG 2 EX 1944
TOTZKE CARL ANDREW W 3581 UNIVERSITY ST MTL 225 VICTORIA ST N KITCHENER ONT	B SC 2 MA 3842
TOULCH HAROLD 5237 WAVERLY ST MONTREAL QUE	PARTIAL 0 DO 3973
TOULCH HARRY MAXWELL 5245 DUROCHER AVE OUTREMONT QUE	A & S COM 1 CR 6684
TOWELL HAROLD VERNON 3436 DUROCHER ST MTL 53 RIVER ST E PRINCE ALBERT SASK	MD CM 4 MA 2619
TOWER DONALD BAYLEY 3777 COTE DES NEIGES RD MONTREAL QUE 138 MANSFIELD AVE DARIEN CONN U S A	PH D 3 FI 4190
TOWERS GEORGE HUGH 3310 TROIE AVE APT 25 COTE DES NEIGES MTL QUE	M SC 1 EX 8803
TOWES CLAUDINE HOPE 1034 SHERBROOKE ST W MTL 824 SELKIRK AVE WINNIPEG MAN	GR N CERT 1 MA 9094
TOWNSEND DARRYL E R 4352 COOLBROOK AVE MONTREAL 28 QUE	B SC 3 WA 7088
TOWNSEND DONALD A 805 UPPER LANSDOWNE AVE WESTMOUNT QUE	PARTIAL 0 EL 2110
TOWNSEND EDITH E 4250 MARCIL AVE APT 1 MONTREAL 28 QUE	B SC 2 WA 4287
TOWNSEND MICHAEL 3424 DRUMMOND ST MTL GOLDEN END THE PARKS MINEHEAD SOMERSET ENG	B SC 2
TRACEY JAMES WILLIAM 2053 METCALFE ST MTL CHURCH ST COEYMANS NEW YORK U S A ★82	PARTIAL 0 HE 0378
TREECE OLIVE MURIEL 1675 PHILIP AVE NORTH VANCOUVER B C	GR N CERT 1
TREMAIN MARY FAYRE 5608 QUEEN MARY RD MONTREAL QUE	B SC 1 WA 5900
TREMBLAY ALFRED MACDONALD COLLEGE REMIGNY CO ROUYN QUE	B SC AGR 2
TREMBLAY GILLES F 6626 BORDEAUX ST MTL 39 GOULBURN AVE OTTAWA ONT	B ENG CI 4
TREMBLAY JEAN MAURICE 2306 CHAMBLY ST MONTREAL 4 QUE	B COM 2 CH 6396
TREMBLAY JOSEPH J 605 111TH ST SHAWINIGAN SOUTH QUE	B ENG CI 5

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Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
TREMBLAY MOUSSEAU 4373 MADISON AVE MONTREAL QUE	M SC 2 WA 6237
TREMBLETT HILDA 482 LANSDOWNE AVE WESTMOUNT QUE BONAVISTA NEWFOUNDLAND	PARTIAL 0 DE 4897
TREVELYAN BENJAMIN 1555 SUMMERHILL AVE APT 314 MONTREAL QUE LINCOLN AVE BEAMSVILLE ONT	PH D 3 WE 9517
TRIANDIS CHARALAMBOS 3485 MCTAVISH ST MTL 9 HARITOS ATHENS GREECE	R ENG MCH 5 BE 0424
TRICK GORDON STAPLES THEOLOGICAL COLLEGE STONEWALL MAN	PH D 2 UN 0267
TRIONE EDWARD JOHN 5152 WALKLEY AVE APT 5 N D G MONTREAL QUE 514A YGNACIO AVE OAKLAND CALIF U S A	MD CM 1
TRITES ALBERT EDWARD DOUGLAS HALL 4575 HUDSON ST VANCOUVER B C	MD CM 1
TRITT FLORENCE BERKELEY HOTEL MONTREAL QUE	B N 2 MA 7351
TROOP ANDREW H S 3485 MCTAVISH ST MONTREAL QUE	B COM 4 BE 0424
TROSSMAN BERNARD 12 CAMBRAI AVE OUTREMONT QUE	B SC 2 AT 3224
TROSSMAN SYLVIA R 12 CAMBRAI AVE OUTREMONT QUE	B A 4 AT 3224
TROUGHTON JACK 4225 BANNANTYNE AVE VERDUN QUE	B SC 4
TROY THOMAS GUY 2240 OLD ORCHARD AVE N D G MONTREAL QUE	B ENG EL 5 DE 8327
TRUDEAU EDGAR JOSEPH 2095 TRENHOLME AVE APT 4 N D G MONTREAL QUE	B COM 4
TRUELAND ELIZABETH S 331 REDFERN AVE WESTMOUNT QUE	B A 1 WE 1404
TRUELAND JULIA ANNE MACDONALD COLLEGE 331 REDFERN AVE WESTMOUNT QUE	B SC AGR 3
TRUSCOTT GEORGE N 479A PRINCE ARTHUR ST MONTREAL QUE BATTLEFORD SASK	D D S 3 BE 3290
TRYHANE GERALD A L 3421 DRUMMOND ST MTL BAGATELLE ST THOMAS BARBADOS B W I	R ENG EL 5 LA 0950
TSIRIVAS ANTHOULA R V C 1417 KINGS HIGHWAY BROOKLYN N Y U S A	B ENG EL 3
TSUKAMOTO JOE Y MACDONALD COLLEGE BOX 160 RAYMOND ALBERTA	R SC AGR 2
TUBMAN ARNOLD W 3421 DRUMMOND ST MTL 40 N MILBURN AVE BALDWIN NEW YORK U S A	R ENG MCH 5 LA 0950
TUBMAN JOYCE NORMA 204A GOHIER AVE ST LAURENT QUE	R SC P E 4 RY 1781
TUCK HELEN HUNTLY 528 PINE AVE W APT 5 MONTREAL QUE	M S W 2 FL 4063
TUCKER BARBARA IRENE MACDONALD COLLEGE 531 BRIERWOOD AVE MONTREAL QUE	B SC H EC 2
TUCKER GRAHAM H DIOCESAN COLLEGE UNIVERSITY ST MONTREAL	B D 1 MA 4902
TUCKER MICHAEL L 28 WINDSOR AVE WESTMOUNT QUE	R ENG CI 3 EL 2633
TUDOR BARWICK BRUCE 20658 LAKESHORE RD BAIE D URFE QUE	TCH INT 1
TUDOR KATHLEEN K 20658 LAKESHORE RD BAIE D URFE QUE	TCH INT 1
TUGHAN WILLIAM JAMES 1055 BROWN BLVD VERDUN QUE	R ENG EL 5 HE 4934
TULIN NORMAN LAWRENCE 6394 CLANRANALD AVE MONTREAL QUE	PARTIAL 0 EX 3457
TULLY DANIEL LAWLESS MACDONALD COLLEGE ATHELSTAN QUE	AGR DIP 2
TULLY RUSSEL H PRESBYTERIAN COLLEGE ATHELSTAN QUE	R ENG MCH 3
TULUMELLO TONY V 3581 DUROCHER ST MTL 66 STATE ST WELLAND ONT	D D S 1
TUNGATE HARRY VICTOR 1229 MACKAY ST APT 4 MONTREAL QUE 125 E 53RD AVE VANCOUVER B C	D D S 3
TUNIS CYRIL JAMES 5290 ESPLANADE AVE MONTREAL QUE	B ENG 2 DO 4057
TUNNER ELIZABETH T 5010 SHERBROOKE ST W APT 10 WESTMOUNT QUE	PARTIAL 0
TUOHY CEDRIC EDWARD 3573 LORNE AVE APT 6 MTL 510 AVE B SNO HOMISH WASH U S A	MD CM 2 HA 9096
TUPLIN ISAAC LOWTHER MACDONALD COLLEGE SUMMERSIDE R R 2 P E I	R SC AGR 4
TUPPER ERROLD INGRAM 4955 MAPLEWOOD AVE APT 14 MONTREAL QUE MILTON QUEENS CO NOVA SCOTIA	R ENG CI 3 EX 8285
TUPPER RONALD W 2105 CITY COUNCILLOR ST MONTREAL QUE	PARTIAL 0 MA 5554
TURCOTTE ALBERT D J 3480 BERRI ST MTL LES BECQUETS NICOLET QUE	B C L 1 LA 4906
TURCOTTE JOCELYNE J R V C CANADIAN CONSULATE CARACAS VENEZUELA	B A 1
TURCZENIUK BOHDAN 503A DES ERABLES ST MONTREAL QUE	B ENG 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
TURCZENICEK TARAS 503A DES ERABLES ST MONTREAL QUE	GRAD QUA 1
TURK BARBARA JOAN R V C 391 ISLAND PARK DR OTTAWA ONT	B A 4 UN 0296
TURNAU CLAIRE J A J 20329 LAKESHORE RD BAIE D URFE QUE	B SC H EC 1
TURNBULL DOROTHY K 3570 RIDGEWOOD AVE APT 107 MONTREAL QUE	M SC 1 EX 8430
TURNBULL JAMES O HARA 3910 BARCLAY AVE APT 3 MONTREAL QUE	B ENG MCH 5 EX 2129
TURNER BRENDA P R V C 4899 BELMONT AVE VANCOUVER B C	B A 3 UN 013A
TURNER ROBERT C 3609 UNIVERSITY ST MTL 491 GILMOUR ST OTTAWA ONT	PH D 3 LA 6307
TURNER SIDNEY JOHN 4556 HAMPTON AVE N D G MONTREAL QUE	B ENG 2 EL 0484
TUTTLE SHIRLEY D R V C 36 ADAMS ST SARATOGA SPRINGS N Y USA	★63 B A 4 UN 015A
TWYMAN MARGARET M 5196 IBERVILLE ST APT 2 ROSEMOUNT QUE	B SC 1 HO 2194
TYLER NANCY PATRICIA 26 GOLF AVE PT CLAIRE QUE	M SC 1
TYLER ROBERT BRUCE 34 BROCK AVE NORTH MONTREAL WEST QUE	B ARCH 2 EL 5106
TYLER ROBERTA ELEANOR 32 BROCK AVE MONTREAL WEST QUE	B SC 4 EL 3689
TYRRELL BRUCE W 1621 LECLAIR AVE VERDUN QUE	PARTIAL 0 TR 7793
TYSOE FRANCIS W VANCOUVER GEN HOSPITAL 1519 W 34TH VANCOUVER B C	MED DIPL 3

U

NAME ADDRESS	COURSE & YEAR TEL. NO.
UCHIDA HIROSHI 3451 PRUD HOMME AVE N D G MONTREAL QUE	B ENG MCH 3 EL 1246
UCHIDA KUNI 3451 PRUD HOMME AVE N D G MONTREAL QUE	B A 3 EL 1246
UGOJI SAMUEL N DOUGLAS HALL P O BOX 89 PORT HARCOURT S NIGERIA BRITISH WEST AFRICA	B SC 1 UN 006A
UNDERHILL HELEN MARY R V C 180 BROWNSBURG RD LACHUTE QUE	B A 2 UN 0069
URQUHART DONALD W 2008 MARLOWE AVE APT 11 N D G MONTREAL QU	B ENG CI 3
USHER DAVID RICHARD 4437 KING EDWARD AVE N D G MONTREAL QUE	B ENG 1 DE 5151
USHER ROBERT HOWARD 4437 KING EDWARD AVE N D G MONTREAL QUE	MD CM 1 DE 5151
USHEROFF ZELDA JOAN 72 PAGNUELO AVE OUTREMONT QUE	B A 1 CA 8064
UTLEY MICHAEL EDWIN MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B ARCH 6

V

NAME ADDRESS	COURSE & YEAR TEL. NO.
VACHON CHARLES E 162 LAURIER AVE E MONTREAL 14 QUE	B C L 1 LA 6862
VAINCOURT ROSLYN J MACDONALD COLLEGE FRANKLIN CENTRE QUE	TCH INT 2
VAGO PETER 3610 DUROCHER ST APT 4 MONTREAL QUE	PARTIAL 0 MA 9923
VAISEY EDGAR BYRON 48 STE ANNES ST STE ANNE DE BELLEVUE QUE	B SC AGR 3
VAJK HUGO JR 109 IRVINE AVE WESTMOUNT QUE	B ENG MCH 5 WE 6346
VALADE ANDRE 3990 JOSEPH ST VERDUN QUE	B COM 2 TR 5489
VALENTINE BARRY 3473 UNIVERSITY ST MTL 48 DODDINGHURST RD BRENTWOOD ESSEX ENG	B D 3 MA 4902 ★64
VALENTINE VINCENT 70 ST CYRIL AVE OUTREMONT QUE	B ENG MCH 4 CR 5289
VALERE PHYLLIS PEARL 222 MILTON ST APT 4 MTL 29 ARNOLD RD KINGSTON JAMAICA B W I	PARTIAL 0
VALERIOTE RICHARD 2032 UNION AVE MONTREAL QUE	B SC 3 BE 2982
VALERIUS ELIZABETH A 3500 SHUTER ST APT 3 MTL 406 MCPHERSON ST BREMEN GEORGIA U S A	MD CM 2 PL 3965
VALGUARNERA NISCEMI R V C MAYFAIR HOUSE PHILA 44 PA U S A	B A 1
VALLEE EARLE C ILE BIGRAS QUE	B ENG EL 5
VALLERAND CLAUDE RENE 56 KELVIN AVE OUTREMONT QUE	B C L 1 AT 2481
VALLIERES RAYMOND H 4302 MARIETTE AVE N D G MONTREAL QUE	B ENG MCH 5

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NAME ADDRESS	COURSE & YEAR TEL. NO.
VALLILLEE GERALD A P MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	PARTIAL 0
VALOIS GEORGE LOUIS 4655 COTE ST CATHERINE MONTREAL QUE	B SC 4 AT 1576
VALOIS MICHELINE 1540 BERNARD AVE W OUTREMONT QUE	B ENG 1 GR 6631
VAN ALLEN TRAER DOUGLAS HALL 4761 W 7TH AVE VANCOUVER B C	B A 2 UN 0068
VAN ALSTYNE WILLIAM 3668 DUROCHER ST MTL 127 QUEEN ST SARNIA ONT	B SC 2 MA 1964
VAN ATTA FRANK B 419 ST JOSEPH BLVD W MTL 36 DUMONT ST ROCHESTER 17 N Y U S A	B ENG CH 3
VAN BUREN JOHN M 1227 GREEN AVE WESTMOUNT QUE	MED DIPL 2 WE 4036
VAN BUSKIRK BETTE L R V C 160 YORK ST FREDERICTON N B	B COM 1
VANDELMAN HARRY 4838 HUTCHISON ST MONTREAL QUE	B ARCH 2 DO 8645
VAN DER BELLEN LIANA 4 OLDSFIELD AVE APT 5 MONTREAL QUE	B A 3 FI 9965
VAN DER VEER JOHN R LACHINE GENERAL HOSPITAL LACHINE QUE 1430 10TH AVE NORTH FORT DODGE IOWA U S A	MD CM 4 WA 6025
VAN LEIGHT FRANK M 1300 PINE AVE W MONTREAL QUE	M A 1 HA 1143
VAN DER WALDE ELLEN 680 ROSELYN AVE WESTMOUNT QUE	B A 3 WA 3804
VAN DIEDEN JAN R 1110 BEAUBIEN AVE VILLE ST LAURENT QUE	B SC AGR 1 BY 4486
VANDRICK SYDNEY JOHN 8316 QUERBES AVE PARK EXTENSION MTL QUE	MD CM 4
VAN EYKEN DIRK 3015 PIQUET RD MTL RUA CARLOS GOIS 28 LEBLON RIO DE JANEIRO BRAZIL	B ENG EL 3 FI 3820
VAN PATTER JEAN MARY 612 BELMONT AVE WESTMOUNT QUE	B SC 4 WA 3359
VANSTONE WILLIAM E MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC AGR 2
VAN WART ANNE C 26 GRANVILLE RD HAMPSTEAD QUE	B A 3 EL 4237
VAN ZAIG EDWARD B 6027 DUROCHER ST OUTREMONT QUE	B SC 2 CR 2681
VARY JEAN MARC BELOEIL VILLAGE QUEBEC	PARTIAL 0
VASILJEVIC MILAN 1490 MACKAY ST MTL BERGRAD YUGOSLAVIA	B COM 2 WE 3928
VASS DEBORAH 4709 THE BOULEVARD WESTMOUNT QUE	B A 2 WA 7375
VAUGHAN HERBERT G JR 4585 SHERBROOKE ST W MTL 254 ANCON AVE PELHAM N Y U S A	B SC 4 DE 0077
VAZ EDMUND WINSTON 5980 PARK AVE APT 0 MONTREAL QUE	B A 4 CA 0762
VEGA RODRIQUES JOSE 1393 DE MONTIGNY E MONTREAL QUE	B COM 2 CH 4937
VEILLETTE PAUL 3430 DRUMMOND ST MTL 96 SHAWINIGAN BLVD SHAWINIGAN BAY QUE	B ENG CI 4 PL 0789
VEITCH DAVID 2266 GIROUARD AVE N D G MONTREAL QUE	B ENG CI 5 EL 5571
VEITH CATHERINE CONN 611 VICTORIA AVE MONTREAL QUE	B A 3 EL 1352
VEITH JUDITH MARGARET 611 VICTORIA AVE WESTMOUNT QUE ★65	B A 1 EL 1352
VELEZ ENRIQUE 2264 OXFORD AVE N D G MONTREAL QUE	B ENG 2 DE 4075
VENTERS JOHN M 3777 COTE DES NEIGES RD APT 324 MONTREAL QUE	B ARCH 5 FI 2874
VERDIER PAMELA C 3255 RIDGEWOOD AVE APT 16 MONTREAL QUE	M SC 1 EX 2429
VERED ZEEV 2960 LACOMBE AVE MONTREAL QUE	B ENG 2 AT 7215
VERITY VALERIE ANN 210 39TH AVE LACHINE QUE	B SC 2
VERNON MAURICE ARTHUR MACDONALD COLLEGE ST ANNE DE BELLEVUE QUE	MD CM 4
VERPELIS BIRUTA 4690 VICTORIA AVE MONTREAL QUE	B A 2 DE 5356
VERRIER WILLIAM L 4160 BENNY AVE APT 25 N D G MONTREAL QUE	B SC 1 WA 9858
VERSCHINGEL ROGER H 2000 MANSFIELD ST APT 52 MONTREAL QUE	M SC 1 WA 3834
VERSTEEG JOSEPH 3621 OXENDEN AVE APT 2 MONTREAL QUE 45 EMERY ST LONDON ONT	PH D 2 H 4256
VESSOT ROBERT F C 845 KENILWORTH RD TOWN OF MOUNT ROYAL QUE	B A 4 AT 0643
VEZINA JOSEPH ANDRE 2395 ST JAMES ST W MONTREAL QUE	B ENG MET 5 WI 9350
VICE EILEEN V MACDONALD COLLEGE 22 PAGLAN ST RENFREW ONT	B SC H EC 1
VICKERY VERNON R MACDONALD COLLEGE SOUTH OHIO YARMOUTH CO N S	M SC 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
VIDRI RAMON 632 BELMONT AVE WESTMT 5A CALLE PONIENTE NO 39 SAN SALVADOR EL SALVADOR	B ENG MCH 5 EL 3401
VIDRUK KASMER CHARLES 40168 VENDOME AVE MONTREAL QUE	B SC P E 4 WA 3647
VIEN JEAN THOMAS 5733 NORTHMOUNT MONTREAL QUE	B C L 3 AT 1424
VIEN RAYMOND GEORGE 17 AINSLIE AVE OUTREMONT QUE	B C L 2 CA 7874
VILAGOS JOSEPH 3911 RIVARD ST MONTREAL QUE	B ENG 2 BE 7582
VILLEMURE GASTON R 1027 STE URSULE ST THREE RIVERS QUE	B ARCH 2
VILLENEUVE JEAN L MACDONALD COLLEGE 2632 1ST AVE LIMOILOU QUEBEC QUE	GRAD QUAL 1
VINCELLI JOHN 5652 SHERBROOKE ST W APT 11 N D G MTL QUE	D D S 4 WA 1233
VINCENT CHARLES D 3 CHURCH ST VILLE ST LAURENT QUE	B ENG 1
VINCENT DONALD L 3528 LORNE AVE APT 6 MONTREAL QUE 206 MAIN ST ST. JOHN N B	PH D 2
VINEBERG GORDON H 873 ROCKLAND AVE OUTREMONT QUE	B COM 2 CR 6066
VINEBERG TRINA MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	B SC H EC 3
VINES NORMA PHYLLIS 50 STRATFORD RD HAMPSTEAD QUE	B A 1 WA 2455
VIPOND JOHN DAVID 14 PARKMAN PLACE WESTMOUNT QUE	B ENG 1 DE 4040
VIPOND WILLIAM S F 14 PARKMAN PLACE WESTMOUNT QUE	MD CM 2 DE 4040
VIRON SILVIO JOSEPH 481 MILTON ST MTL 244 FARES ST PORT COLBORNE ONT	PH D 2 BE 4112
VLAHOS NICHOLAS 3697 NAMUR RD MONTREAL QUE	B A 4 AT 7971
VOGAN ERIC LLOYD 485 SHERBROOKE ST W MTL 549 ST JAMES ST LONDON ONT	PH D 3 HA 3721
VOGEL LOUIS 5212A ST LAWRENCE BLVD MONTREAL 14 QUE	M B SC 4 DO 1468
VOGHEL LUCILLE 4233 DELORIMIER AVE MONTREAL QUE	B C L 1 AM 9093
VOISARD ANDREE E 754 HARTLAND AVE OUTREMONT QUE	B A 1 AT 4349
VOISARD SUZANNE E 754 HARTLAND AVE OUTREMONT QUE	B A 4 AT 4349
VOKEY ROY WILLIAM 67 ALEPIN AVE VILLE LA SALLE QUE	B ENG EL 5

NAME ADDRESS	COURSE & YEAR TEL. NO.
VOLBERG WESTON FAY JR 3681 HUTCHISON ST APT 34 MONTREAL QUE 2730 ELLSWORTH ST BERKELEY 5 CALIF U S A	MD CM 2 UN 4685
VON ROMER HENRY 6 PARK PLACE APT 6 WESTMOUNT QUE	B A 4 FI 2916
VOS PATRICIA LESLIE R V C 811 11TH ST S LETHBRIDGE ALTA	B A 2 UN 0148
VOSBURG FREDERIC 4266 OLD ORCHARD AVE MONTREAL QUE	D D S 3 DE 8737
VOSKO SEYMOUR H 4083 ESPLANADE AVE MONTREAL QUE	B ENG PHY 5 MA 6984
VROOM VICTOR 32 UNION BLVD ST LAMBERT QUE	B SC 2
VROOMAN JUDITH MARY 400 KENSINGTON AVE APT 6 WESTMOUNT QUE	B A 1 FI 6880

W

NAME ADDRESS	COURSE & YEAR TEL. NO.
WACOWICH CAROLINE C 500 PINE AVE W MTL 12529 129TH ST EDMONTON ALBERTA	B N 1 LA 8456
WACKENHEIM HAROLD W 419 LANSDOWNE AVE WESTMOUNT QUE 227 EXCHANGE ST ATTICA N Y U S A	MD CM 1 EL 6131
WADDELL JOHN CALVIN 1563 MACGREGOR ST MTL STE 1 CLIFTON COURT REGINA SASK	D D S 4 FI 8302
WADE ALISTAIR JOHN 3390 BARCLAY AVE APT 5 MONTREAL QUE	B ENG PHY 5 DE 0873
WADE MARY DEIDRE H 3445 PEEL ST MTL ST ROMUALD LEVIS CO QUE	B ARCH 5 HA 9462
WADEY BERNICE CLAIRE 1839 BAYLE ST MONTREAL QUE	B SC 2 WE 5119
WAGMAN ELIZABETH ANN GREY SHINGLES R D 1 SARATOGA SPRINGS N Y	B L S 1
WAGNER KENNETH FRED 475 PINE AVE MTL 123 CECILIA ST PEMBROKE ONT	B SC P E 3 PL 3332
WAINBERG LAWRENCE 756 LEXINGTON AVE WESTMOUNT 6 QUE	B COM 1 EL 2410
WAINWRIGHT PATRICIA 135 WESTMINSTER AVE N APTD MONTREAL WEST QUE	B A 1 DE 7528
WAKSBERG HELENE 8223 QUERBES AVE MONTREAL QUE	B A 4 VI 3748
WALDMAN IRWIN ARTHUR 3820 RIDGEVALE AVE APT 6 MONTREAL QUE	B SC P E 2 AT 1634

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WALES BARBARA C 51 BELVEDERE CIRCLE WESTMOUNT QUE	B A 4 FI 6934
WALES ROBERT LISSON 5697 12TH AVE ROSEMOUNT QUE	B A 4 HO 1858
WALKER ANDREW GEORGE 536 BIRCH AVE ST LAMBERT QUE	B ENG 1
WALKER BEVERLEY K MACDONALD COLLEGE 664 GROSVENOR AVE WESTMOUNT QUE	TCH ELEM 1 EL 2181
WALKER DONALD A DOUGLAS HALL BOX 526 FLIN FLON MAN	B ENG MI 5
WALKER DOUGLAS M 45 STRATHYRE AVE VILLE LASALLE QUE	B ENG CI 3
WALKER GEORGE W R 3310 TROIE AVE APT 25 COTE DES NEIGES QUE	PH D 3 EX 8893
WALKER G JUNE 3940 COTE DES NEIGES RD MONTREAL QUE	B A 4 WE 2484
WALKER JAMES A MACDONALD COLLEGE 536 BIRCH AVE ST LAMBERT QUE	B SC AGR 4
WALKER JOAN ELINOR 4510 GIROUARD AVE APT 9 N D G MONTREAL QUE	B A 4 EL 0691
WALKER MARIE JOAN 4150 SIR GEORGE SIMPSON LACHINE QUE	B A 2
WALKER WILLIAM ALLAN 7070 LOUIS HEBERT ST MTL 190 SAMMON AVE TORONTO ONT	MD CM 3 VI 7487
WALKER WILLIAM E 3450 JEANNE MANCE ST MTL 1822 MONTROSE ST PHILA 06 P A U S A	B SC 4
WALKINGTON DOUGLAS H 45 DUFFERIN RD HAMPSTEAD QUE	B ENG EL 3 EL 3917
WALLACE BARBARA JUNE R V C WESTMOUNT CRESCENT R R 4 LONDON ONT	B SC 1
WALLACE BARBARA M 3567 VENDOME AVE N D G MONTREAL QUE	M S W 3 DE 2467
WALLACE CHESLEY P MACDONALD COLLEGE 2409 BENNY AVE N D G MONTREAL QUE	B SC AGR 4 WA 8616
WALLACE DONALD G 4134 OXFORD AVE MONTREAL 28 QUE	B COM 3 DE 4227
WALLACE ELEANOR PAT 220 WOLSELEY AVE MONTREAL WEST QUE	B A 4 DE 0147
WALLACE RALPH G 2021 NORTH CLIFFE APT 4 MONTREAL QUE 45 NEOME DR PONTIAC MICHIGAN U S A	D D S 4 EL 6791
WALLER JOHN D C 1005 SHERBROOKE ST MTL 551 ST GEORGE ST LONDON ONT	M ENG 1 PL 4056
WALLING JOHN JOE 6626 15TH AVE ROSEMOUNT 88 LOCKWELL ST QUEBEC QUE	B COM 3 GR 2005
WALMSLEY NORMA E 522 SHERBROOKE ST W APT 37 MONTREAL QUE ELM CREEK MANITOBA	M A 1 BE 9489
WALSH AUDREY ELIZABETH 4038 BEACONSFIELD AVE MONTREAL QUE	B SC 1 EL 7089
WALSH ELIN MARIA 570 MILTON ST MONTREAL QUE	B A 2 BE 7602
WALSH FREDERICK A MACDONALD COLLEGE 50 BEECH ST HALIFAX N S	B SC AGR 3
WALSH JAMES ARTHUR 22 BALLANTYNE AVE S MONTREAL QUE	B ENG MET 5 DE 2478
WALSH JOHN HERITAGE 5095 HAMPTON AVE MONTREAL QUE	M ENG 1 EL 6328
WALSH KENNETH ANDREW MACDONALD COLLEGE 175 QUEBEC ST SHERBROOKE QUE	B SC AGR 4
WALSH PETER DESMOND 942 ST CLARE RD TOWN OF MOUNT ROYAL QUE	B A 3 AT 3793
WALSH SHEILA MARY 776 BEATTY AVE VERDUN QUE	B SC 2 TR 0048
WALSTROM CHARLES J DOUGLAS HALL 1867 CARLISLE DR SAN MARINO CALIF U S A	MD CM 1
WALTER DONALD PAUL 607 VICTORIA AVE WESTMOUNT QUE	B COM 4 EL 2081
WALTERS FRED YOUNG WILSON HALL 70 BEATY AVE TORONTO ONT	B ENG MCH 4
WALTERS WILLIAM C 3655 OXENDEN AVE MTL 223 PENNYWELL RD ST JOHNS NFLD	MD CM 2 MA 3014
WALTON JOHN SHEPPARD WILSON HALL 11 AVE DREAN CHICOUTIMI QUE	B ENG CI 3
WANG ERIK 191 DUFFERIN RD HAMPSTEAD QUE	B A 1 EL 7836
WANKLYN DAVID IRVINE 3066 THE BOULEVARD MONTREAL QUE	PH D 2 WE 6025
WANKLYN PRISCILLA 3600 ATWATER AVE MONTREAL QUE	B A 1 WI 9026
WANNER JACQUES M J S 60 OAKLAND AVE WESTMOUNT 6 QUE	B ENG 1 WA 6239
WANSBROUGH LEE C 2057 VICTORIA ST MTL 281 ORIOLE PARKWAY TORONTO ONT	B ENG 1
WANZER ISABEL IRENE MACDONALD COLLEGE R R 1 BEDFORD QUE	TCH ELEM 1
WARBURTON PHILIP 456 PINE AVE W APT 33 MONTREAL QUE 226 MCDONNEL ST PETERBOROUGH ONT	B ENG MCH 4 LA 6052
WARD ANITA JOY 60A WAVERLEY RD PTE CLAIRE QUE	B A 1

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WARD GEOFFREY 236 DECARIE BLVD VILLE ST LAURENT QUE	B ENG 1 BY 0867
WARD HORACE FREDERICK 5550 PARK AVE MTL 49 BARNES ST ST THOMAS ONT	PH D 2
WARD JOHN KEMP MACDONALD COLLEGE 126 CASTNER ST ARVIDA QUE	TCH INT 1
WARD JULIAN HARRY B 3647 UNIVERSITY ST MTL DURANTS PLANTATION CH CH BARBADOS B W I	D D S 1 BE 9568
WARD KENNETH JOHN 214 GLENCOE AVE MONTREAL WEST QUE	B A 2 DE 9659
WARD PATRICIA DIANE 3865 CAVENDISH AVE N D G MONTREAL QUE	B A 1 EL 1509
WARD RICHARD VANCE M 54 SUMMIT CIRCLE WESTMOUNT QUE	B SC 4 FI 2884
WARD WALTER LINFORD MACDONALD COLLEGE 20653 LAKE SHORE RD BAIE D URFE QUE	B SC AGR 4
WARE ELINOR PATRICIA 15 HEATH ROAD MONTREAL QUE	B SC P E 2 EL 1225
WARNER EDSON LYMAN WILSON HALL 294 MAIN ST LENNOXVILLE QUE	B COM 4
WARNICA MURRAY R MACDONALD COLLEGE R R 4 BARRIE ONT	AGR DIP 2
WARREN BARBARA B 1239 STANLEY ST MTL R F D 1 MONSON MASS U S A	B A 4
WARREN EILEEN M 280 34TH AVE LACHINE QUE	B SC 3
WARREN GEORGE LYMAN MACDONALD COLLEGE 1111 ROSEMOUNT AVE FORT GARRY MAN	M SC 1
WARREN RICHARD W 3846 MELROSE AVE MONTREAL QUE	B L S 1 DE 9263
WARREN SAMUEL WARD 1600 DECARIE BLVD APT 37 VILLE ST LAURENT QUE 21 EUCLID AVE MAPLEWOOD N J U S A	B SC 3
WARRY ROBERT SCOTT 5255 COTE ST LUC RD APT 23 N D G MONTREAL QU	B ENG 1 WA 4531
WARSHAW LEONARD D 269A SOISSONS AVE MONTREAL QUE	B ARCH 2
WATANABE MAMORU 3237 EVELYN ST VERDUN QUE	B SC 1 TR 5127
WATERHOUSE JOHN 3065 BRIGHTON AVE MONTREAL QUE	B A 3 EX 5513
WATERLOW IAN 4830 COTE ST CATHERINE MONTREAL QUE	B ENG MET 5 AT 3670
WATERMAN CLAIRE 4917 KENT AVE MONTREAL QUE	B A 4 EX 7812
WATERS WILLIAM REID THEOLOGICAL COLLEGE 331A COLLEGE AVE REGINA SASK	B SC 3 UN 0284
WATKINS NOEL STANLEY 360A OXENDEN ST MONTREAL QUE	B SC 2
WATKINS RONALD G 5643 2ND AVE ROSEMOUNT BOX 141 SCHREIBER ONT	B ENG 2 AM 2254
WATSON ANNE MCCABE 4457 MADISON AVE N D G MONTREAL QUE	L MUS 2 EL 791A
WATSON CHARLES R G 3575 DUROCHER ST APT 6 MONTREAL QUE CANTEEN GARRISON ST MICHAEL 17 BARBADOS B W I	B ENG MCH 4 PL 3906
WATSON DAVID REILLY 2256 REGENT AVE N D G MONTREAL QUE	B C L 1 DE 5440
WATSON DONALD STUART MACDONALD COLLEGE 483 PINE AVE ST LAMBERT QUE	B SC AGR 2
WATSON DOUGLAS IAN DOUGLAS HALL CARCROSS YUKON	B ENG MCH 5
WATSON HELEN ALICE G MACDONALD COLLEGE 2546 ORCHARD AVE VICTORIA B C	B SC H EC 2
WATSON JOHN RALPH 7187 BOYER ST MONTREAL QUE	B D 3 TA 2647
WATSON LEILA D MACDONALD COLLEGE WELCHES ST MICHAEL BARBADOS B W I	B SC H EC 2
WATSON LUCILLE MARY MACDONALD COLLEGE 14 RENFREW AVE WESTMOUNT QUE	HOMEMAKER 1
WATSON PATRICIA JOAN 57 PALMERSTON AVE TOWN OF MOUNT ROYAL QUE	B A 3 EX 5319
WATSON STANLEY H 3575 DUROCHER ST APT 6 MONTREAL QUE 6 GARRISON ST BARBADOS B W I	B SC 3 PL 3906
WATSON THOMAS ARTHUR 2189 ST CATHERINE ST W MONTREAL 25 QUE	B ENG EL 5 WE 6069
WATSON WILLIAM E G WILSON HALL WELCHES ST MICHAEL BARBADOS B W I	B COM 2 UN 0169
WATT BETTY RUTH 63 MONTEE STE MARIE ST STE ANNE DE BELLEVUE QUE	B A 4
WATT DONALD E 555 CURZON AVE ST LAMBERT QUE	B A 2
WATT HILARY SYLVIA MACDONALD COLLEGE BOX 126 WINDSOR MILLS QUE	TCH ELEM 1
WATT JOAN MEREDITH 2168 SHERBROOKE ST W APT 7 MONTREAL QUE	B A 4 FI 6009
WATZKA EVA LOUISE 3360 RIDGEWOOD AVE APT 9 MONTREAL QUE	B A 3 EX 0313

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WAUGH THEODORE R JR 515 PINE AVE WEST MONTREAL QUE	MD CM 2 MA 4045
WAYNE DAVID LOUIS 4095 HENRI JULIEN ST MTL 685 WYANDOTTE ST E WINDSOR ONTARIO	MD CM 2 BE 3649
WEAVER NANCY BURR R V C 900 RIVERSIDE AVE SCOTIA N Y U S A	B A 4
WEBB ELIZABETH M 689 GROSVENOR AVE WESTMOUNT QUE	B SC 1 EL 2055
WEBB HELEN BARBARA 925 GRAHAM BLVD TOWN OF MOUNT ROYAL QUE	B A 1 AT 8367
WEBB PAUL ALBERT BOX 92 HUDSON QUE	B ENG 2
WEBB PAUL PERRY 334 STANSTEAD AVE TOWN OF MOUNT ROYAL QUE	B SC 2 AT 3468
WEBER FAYE 85 ST JOSEPH BLVD WEST MONTREAL QUE	L MUS 3 CR 0994
WEBER PHYLLIS JEAN 2070 UNION AVE APT 6 MTL 13218 102ND AVE EDMONTON ALTA	B N 2
WEBESTER NANCY DALE 988 MONCRIEFF RD TOWN OF MOUNT ROYAL QUE	B F A 1 AT 7257
WEBSTER ANN WINIFRED MACDONALD COLLEGE R R 8 PICTON ONTARIO	B SC H EC 1
WEBSTER ELIZABETH J 1627 LINCOLN AVE APT 3 MONTREAL QUE FIELDING SASK	GR N CERT 1 GL 1023
WECHSLER MORRIS H 244 QUERBES AVE OUTREMONT QUE	B SC 3 TA 6992
WEDDERBURN ROSEMARY R V C IMOLYNES RD H W T ST ANDREW JAMAICA B W I	B A 1 UN 0088
WEEKS SAMUEL CLUNEY MACDONALD COLLEGE BOX 697 SACKVILLE N B	B SC AGR 4
WEGER GEORGES ROMEO 1611 VIAU ST MONTREAL QUE	B C L 3 CL 7695
WEIGENSBERG BERNARD I 5297 ESPLANADE AVE MONTREAL QUE	M SC 1 CA 3314
WEIN HOWARD PHILIP 5256 JEANNE MANCE ST MONTREAL QUE	B SC 3 CA 3879
WEIN LEON 989 PRATT AVE OUTREMONT QUE	B COM 2 AT 5408
WEINER GERALD 731 QUERBES AVE OUTREMONT QUE	B A 1 TA 2284
WEINER MORRIS MORY 4468 COLONIAL AVE MONTREAL QUE	B C L 1 HA 4944
WEINGARTEN SOLOMON B 4274 CLARK ST MONTREAL QUE	B SC 1 LA 3841
WEINHOUSE MELVIN 2047 UNION AVE MTL 1064 MANOR AVE BRONX 59 N Y U S A	B SC 3 PL 0646
WEINSTEIN RHEA DIANNE 4815 HAMPTON AVE N D G MONTREAL QUE	PHYSIOTH 3 DE 5625
WEINSTEIN SHIRLEY 5412 ESPLANADE AVE MONTREAL QUE	B A 4 CR 5221
WEINTHAL ARTHUR M 2376 MELROSE AVE MONTREAL QUE	B A 2 WA 5948
WEINTRAUB CLARICE H 3490 PARK AVE MONTREAL QUE	B A 3 HA 3344
WEINTRAUB GABRIEL 4593 WILSON AVE N D G MONTREAL QUE	B ENG 1 EL 6796
WEINTRAUB RACHEL D 359 METCALFE AVE WESTMOUNT QUE	B A 1 WI 5874
WEINTRUB ISADORE W 5240 ESPLANADE AVE MONTREAL 14 QUE	MD CM 3 DO 3445
WEIR MILDRED FRANCES 357RA PEEL ST MTL AURORA ONT	B N 2 HA 7801
WEISS BELLA PEARL MACDONALD COLLEGE 2724 ST CATHERINE RD MONTREAL QUE	TCH ELEM 1
WEISS JOSE 1620 VAN HORNE AVE APT 20 MONTREAL QUE NEPTUNO NO 311 HAVANA CUBA	B ENG EL 3 GR 7664
WEISS MICHAEL 4844 ST URBAIN ST MONTREAL QUE	D D S 1 VI 1361
WELDEN GERALD L 4452 MELROSE AVE N D G MONTREAL QUE	B COM 1 DE 9806
WELDEN JOYCE HESTER D MACDONALD COLLEGE LACHUTE QUE	B SC AGR 3
WELDON DIANE 345R HOLTON AVE WESTMOUNT QUE	B A 1 FI 9326
WELDON JOHN CATHCART 115 NORTHVIEW AVE MONTREAL WEST QUE	PH D 4
WELDON JOHN DALE 908 RIVERA AVE TOWN OF PLACE LAVAL QUE	MD CM 1
WELLINGTON DONALD C 3515 DUROCHER ST MTL 1 RADIN RD ARVIDA QUE	B ENG CH 3 MA 8924
WELLS ALFRED ARTHUR 3907 CLAUDE ST VERDUN QUE	B ENG EL 5 HE 3607
WELLS ARTHUR F MACDONALD COLLEGE STE ANNE DE BELLEVUE QUE	M SC 1
WELLS GARNET ROMAINE 3437 PEEL ST MTL CARDINAL ONT	B ENG EL 4 PL 1674
WELLS MAVIS MACDONALD COLLEGE 87 FENTIMAN AVE OTTAWA ONT	B SC H EC 3
WELSH SUZANNE J 1604 CALEDONIA ROAD TOWN OF MT ROYAL QUE	MUS QUAL 1 AT 0952

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WELSFORD HUGH WILLIAM 32 RAMESAY RD MONTREAL QUE	B ENG 1 FI 5561
WELSMAN RUTH ELEANOR 152 VIVIAN AVE MONTREAL 16 QUE	B SC P E 2 AT 1712
WELTER RENE EUGENE 4832 WESTERN AVE WESTMOUNT QUE	B ARCH 2
WELTON PATRICIA A 4807 WESTMORE AVE CARLETON HOTEL HALIFAX N S	PHYSIOTH 2 WA 8472
WEMP ROSS ALLISON 241 STANSTEAD AVE TOWN OF MOUNT ROYAL QUE	B COM 3 AT 0885
WENDT RUSSELL ALLAN 3536 DUROCHER ST MTL 26 PHILLIP COURT OTTAWA ONT ★87	D PS SC 2
WEST COLIN LORNE 4371 MAYFAIR AVE N D G MONTREAL QUE	B D 3
WESTBURY RONALD A 4564 PATRICIA AVE N D G MONTREAL QUE	B SC 1 EL 7855
WESTGATE KENNETH N 1300 DECARIE BLVD VILLE ST LAURE5T QUE	B COM 3 BY 5742
WESTMAN GILBERT B 3485 MCTAVISH ST MTL 138 AIRDRIE RD LEASIDE ONT	MD CM 1 BE 0424
WESTON GEORGE W 1280 DECARIE BLVD APT 23 ST LAURENT QUE	B COM 4
WESTON NANCY RETA R V C 25 SOUTH ST LONDON W 1 ENGLAND	B A 4 UN 0158
WEVRICK LEONARD 205 MOUNT ROYAL W MONTREAL QUE	B SC 2 HA 1647
WEXLER JACK 3810 BARCLAY AVE APT 1 MONTREAL QUE	B ENG MCH 4
WEXLER JOE 3915 ST URBAIN ST MONTREAL QUE	B A 2 LA 6443
WEYMAN STANLEY JOHN DOUGLAS HALL PENDRELL PLACE HAMPTON N B	MD CM 4 UN 4076
WHALLEY BASIL JOHN 3550 UNIVERSITY ST MONTREAL QUE	PH D 4 PL 9957
WHALLON WILLIAM W 3615 UNIVERSITY ST MTL 29 SOUTH TENTH ST RICHMOND INDIANA U S A	GRAD QUAL 1
WHEATLEY JON JAMES DOUGLAS HALL 3066 WESTMOUNT BLVD WESTMOUNT QUE	B A 3
WHEELER JOSEPH G 3557 DUROCHER ST MTL ST ANDREWS W ONTARIO -	B ENG CH 5 HA 7512
WHEELER LORNE T 766 ST CLARE RD TOWN OF MOUNT ROYAL QUE	B ENG 2 EX 4506
WHEELWRIGHT JOHN B 760 UPPER LANSDOWNE AVE WESTMOUNT QUE	B ENG CI 4 EL 3237
WHELAN GEORGE EDMUND 11543 NOTRE DAME ST E PTE AUX TREMBLES QUE	B C L 2
WHELEN ISOBEL GLADYS MACDONALD COLLEGE BOX 181 FORT COULONGE QUE	TCH ELEM 1
WHELEN WARREN SHORE 629 PRINCE ARTHUR ST MTL 132 LAWRENCE CRESCENT TORONTO ONT	MD CM 2 MA 0739
WHELLEN INEZ GERTRUDE MACDONALD COLLEGE BOX 181 FORT COULONGE QUE	TCH INT 1
WHENT DONALD WILLIAM 775 RIVERVIEW AVE VERDUN QUE	B ENG EL 4 TR 1590
WHITAKER JOAN WALDA 165 44TH AVE LACHINE QUE	MUS QUAL 0
WHITAKER MARIE JOYCE 5727 NOTRE DE GRACE AVE N D G MONTREAL QUE	B L S 1 EL 3873
WHITE DOUGLAS 1628 SEAFORTH AVE MONTREAL 25 QUE	B COM 3 WI 4661
WHITE ELSA ROBERTA R V C UNION ST NORFOLD MAN	B A 1
WHITE FRANK DAVID 2841 WILLOWDALE AVE MONTREAL QUE	B COM 2 AT 2793
WHITE JAMES DANIEL MACDONALD COLLEGE GOSHEN ALBERT CO N B	B SC AGR 4
WHITE JUDITH 50 FINCHLEY RD HAMPSTEAD QUE	B SC 1 EL 3644
WHITE LEE JACKSON 4905 DECARIE BLVD APT 4 MONTREAL QUE FLORENCEVILLE N B	D D S 4 WA 5149
WHITE LILLIAN ELLIS R V C SOUTHAMPTON EAST BERMUDA	B A 3 UN 0158
WHITE MOLLY MACDONALD COLLEGE HUDSON QUE	B SC H EC 4
WHITE ORVILLE EDGAR 4267 OLD ORCHARD AVE MONTREAL QUE	M A 1 WA 1894
WHITE ROSE 5114 PATRICIA ST N D G MONTREAL QUE	B SC 3 DE 6355
WHITEHEAD EDWARD A 3484 PEEL ST MONTREAL QUE	B COM 2 MA 5533
WHITEHEAD HOWARD A 3485 MCTAVISH ST MTL BREEZY BRAE R R 1 PORT CREDIT ONT	M SC 1 BE 0424
WHITELAW ROBIN D 15 LAKE AVE STRATHMORE QUE	B ARCH 2
WHITESIDE JOHN H 1540 DECARIE BLVD VILLE ST LAURENT QUE	M SC 1 BY 0431
WHITEWAY STIRLING G 2047 VENDOME AVE MTL STELLARTON N S	PH D 2 EL 4622

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WHITFIELD JAMES F DOUGLAS HALL 168 CHRISTINA ST SARNIA ONT	B SC 4 UN 0119
WHITMAN CLYDE SIDNEY 3534 MARLOWE AVE N D G MONTREAL QUE	B SC P E 4 DE 9656
WHITMAN LIONEL 3534 MARLOWE AVE N D G MONTREAL QUE	B SC P E 1 DE 9656
WHITTAKER GEORGE A 456 PINE AVE W APT 33 MONTREAL QUE KIRK RISE FOULRIDGE WR COLNE LANCS ENGLAND	R ENG MCH 4 LA 6052
WHITTICK HERBERT S 951 DAVAAR AVE OUTREMONT QUE	B ENG EL 5 CR 7735
WHITTIER ANGUS C 328 BARCLAY AVE MONTREAL QUE	PH D 3 AT 2849
WHYTE ROBERT D 622 ARGYLE AVE VERDUN QUE	B COM 4 TR 8186
WICKENS RICHARD H 8031 WESTERN AVE MONTREAL WEST QUE	B ENG MCH 3 WA 5576
WICKENDEN HARRIET R V C 363 ST FRANCOIS XAVIER THREE RIVERS QUE	B F A 1
WICKENDEN MARTHA L R V C 363 ST FRANCOIS XAVIER THREE RIVERS QUE	B SC 4 UN 0138
WICKES JOHN BOYD 36 MERTON CRESCENT HAMPSTEAD QUE	B SC 1 EL 0883
WICKES MARTHA BOYD MACDONALD COLLEGE 36 MERTON CRESCENT HAMPSTEAD QUE	B SC H EC 1
WICKHAM ARTHUR T D 4484 SHERBROOKE ST W MONTREAL QUE	B C L 2 FI 5167
WICKHAM FRANK F 4484 SHERBROOKE ST WESTMOUNT QUE	B A 2 FI 5167
WIEBE ALLAN K 2288 SOUVENIR AVE MONTREAL QUE	PH D 2 WE 6803
WIENER GOLDIE 350 DE L EPEE AVE OUTREMONT QUE	B A 4 CR 5542
WIESENFELD ROSE 4055 GREY AVE MONTREAL QUE	B A 1 EL 7591
WIESTNER ELEANOR L 5648 JEANNE MANCE ST MONTREAL QUE	B A 2 CA 3222
WIGDOR BLOSSOM APT 16 MONTREAL QUE 5580 GATINEAU AVE	PH D 3
WIGGS JOHN DAVID 429 LANSDOWNE AVE WESTMOUNT QUE	B ENG 1 EL 1304
WIGHT GEORGE EARLE 4698 ROSLYN AVE MONTREAL QUE	B COM 1 DE 4143
WIGHT NORMA NEWMAN 3249 CEDAR AVE WESTMOUNT QUE	B A 1 WE 1589
WIGMORE WILLIAM F 354 RAY BLVD PORT ARTHUR ONT	B ENG EL 5
WILCHESKY ISAAC L 4132A CLARK ST MONTREAL QUE	B SC 1 PL 0925
WILCOCK JOHN 204 MACAULAY AVE ST, LAMBERT QUE ★68	B ENG MCH 5
WILD DONALD HERBERT 2080 ELMHURST AVE MONTREAL WEST QUE	B A 1
WILDE VALERIE 6 PARK PLACE APT 3 WESTMOUNT QUE	B F A 2 WE 3911
WILDER FRANCIS JOHN C 3489 GERRY ST MTL 184 GERRY RD CHESTNUT HILL 67 MASS	B ENG EL 3 RE 4760
WILDING JAMES HESKEYH MACDONALD COLLEGE HIGH FELL ALLITHWAITE GRANGE OVER SANDS LANCASHIRE ENG	B SC AGR 1
WILEY CHARLES JAMES 57 CHESTERFIELD AVE MTL BOX A BETHEL MAINE U S A	PH D 3
WILKIE MARCEL ROBERT 4311 HARVARD AVE MTL 80A DU ROI ST SOREL QUE	B COM 2 DE 4540
WILKINSON GORDON W 66 DORCHESTER ST E MTL ABERDEEN SASK	MED DIPL 4 WI 3121
WILKINSON KENNETH E 4563 WILSON AVE MONTREAL 28 QUE	B ENG 2 WA 5807
WILLERMET DAVID 680 ROSLYN AVE WESTMOUNT R R 1 GLASSBORO N S	M B SC 4
WILLIAMS ANDREW A 545 MERCILLE AVE ST LAMBERT QUE	B ENG CI 5
WILLIAMS ARTHUR L M 3282 CEDAR AVE WESTMOUNT QUE	B A 4 FI 7755
WILLIAMS AUDREY J 645 ST CATHERINE RD OUTREMONT QUE	B SC 3 AT 0467
WILLIAMS DAVID G MACDONALD COLLEGE BECKENHAM KENT ENGLAND	B SC AGR 3
WILLIAMS DONALD A 434 MERCILLE AVE ST LAMBERT QUE	B COM 3
WILLIAMS EWART 645 ST CATHERINE RD OUTREMONT QUE	B C L 3 AT 0467
WILLIAMS GEORGE S 518 CHAMPAGNEUR AVE OUTREMONT QUE	B ENG MCH 4 CA 6542
WILLIAMS JEFFREY R 23 WINDSOR AVE WESTMOUNT QUE	B A 2 EL 8185
WILLIAMS LLOYD GEORGE 25A SHERBROOKE ST W MTL 3010 ST ANTOINE ST MONTREAL QUE	B SC 2 RE 7102
WILLIAMS MARJORIE MAY 6065 DUMAS ST VILLE EMARD MTL QUE	B A 1 WI 3550

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WILLIAMS PETER MILES 570 MILTON ST APT 24 MONTREAL QUE	B COM 1 MA 7419
WILLIAMS RANDEL M 3668 DUROCHER ST MTL 165 N VIDAL ST SARNIA ONT	B SC 2 MA 1964
WILLIAMS RICHARD J 434 MERCILLE AVE ST LAMBERT QUE	B COM 1
WILLIAMS ROBERT ALTEN 3 KINDERSLEY AVE TOWN OF MOUNT ROYAL QUE	B ENG 2 AT 3639
WILLIAMS ROGER H 1548 BISHOP ST MTL 17 PARK AVE NEW YORK U S A	MD CM 4 PL 7417
WILLIAMS ROGER I 3202 MAPLEWOOD APT 10 MONTREAL QUE 1656 ELM ST UTICA N Y U S A	MD CM 4 AT 6833
WILLIAMS WILSON C 4201 DE BULLION ST MTL FROME P O JAMAICA B W I	B SC 3 BE 7160
WILLIAMSON FRANCIS J 680 ROSLYN AVE WESTMOUNT 9 EASTWOOD AVE EASTWOOD PK GARDENS HALF WAY TREE JAMAICA	B COM 3 WA 3084
WILLIAMSON LESLIE S 522 GONTHIER ST LONGUE POINT MTL QUE	B COM 4
WILLIAMSON ROBERT B 5500 QUEEN MARY RD MONTREAL QUE	B ENG 1 DE 7269
WILLIS GEORGE ALBERT 5589 CLANRANALD AVE MONTREAL QUE	B COM 1
WILLIS JACKSON N 1229 MOUNT ROYAL BLVD MONTREAL R QUE 903 JUBILEE AVE WINNIPEG MAN	M S W 2 DO 2747
WILLISON ROBERT C MACDONALD COLLEGE 81 GLEN RIDGE AVE ST CATHARINES ONT	B SC AGR 2
WILLS IAN MALCOLM MACDONALD COLLEGE 16 GAULT ST VALLEYFIELD QUE	B SC AGR 1
WILMOT FREDERICK G 3434 MCTAVISH ST MTL 1810 18TH ST W CALGARY ALTA	B COM 2 PL 4492
WILMOT JOHN RODERICK MACDONALD COLLEGE MONCTON N B	B SC AGR 3
WILSON ARNOLD WILLIAM 7325 SHERBROOKE ST W APT 4 MONTREAL WEST QUE	B SC 3
WILSON DONALD HANSON 3478 MCTAVISH ST MONTREAL QUE	PARTIAL 0 PL 7412
WILSON DOROTHY LILIAN 1280 PINE AVE W MONTREAL QUE	B SC H EC 3 BE 7904
WILSON DOROTHY M MACDONALD COLLEGE 7152 SOMERLED AVE MONTREAL QUE	B SC H EC 2
WILSON DOUGLAS GORDON 60 WICKSTEED AVE TOWN OF MOUNT ROYAL QUE	B COM 1
WILSON DOUGLAS RIGBY 1727 LECLAIR AVE VERDUN QUE	B ENG AM 5 HE 3696
WILSON ELWOOD LAIRD 3880 BENNY AVE APT 13 N D G MONTREAL QUE	M S W 2
WILSON ERIC PAUL 7152 SOMERLED AVE MONTREAL QUE	B COM 2
WILSON HAROLD V 3429 PEEL ST MTL 234 HARBORD ST TORONTO ONT	B SC P E 4 PL 7385
WILSON HUGH MURRAY 4390 MAYFAIR AVE N D G MONTREAL QUE	B COM 3 DE 9557
WILSON JOAN ANITA 110 TRENTON AVE TOWN OF MOUNT ROYAL QUE	B COM 1 AT 8593
WILSON LESLIE 1436 ST MATTHEW ST APT 103 MONTREAL QUE	MD CM 3
WILSON LESLIE ST JOHN 419 PRINCE ARTHUR ST W MONTREAL QUE BROWNS TOWN ST ANN JAMAICA B W I	B ENG MI 5 HA 1088
WILSON MARGARET IDA 633 UNDERHILL PLACE MTL STE 6 WILBUR CRT SASKATOON SASK	GR N CERT 1 MA 7874
WILSON MURRAY C 7420 MAYNARD AVE TOWN OF MOUNT ROYAL QUE	B SC 2 EX 4931
WILSON NANCY CAROL R V C 310 CLEMOW AVE OTTAWA ONT	B A 4 UN 0138
WILSON OCTAVIA 1583 PINE AVE W MTL 401 NORTH BAILEY FORT WORTH TEXAS U S A	PARTIAL 0 WI 7324
WILSON PETER MICHAEL WILSON HALL 16 LANCASTER COURT 100 LANCASTER GATE LONDON W 2 ENGLAND	B A 3 UN 0267
WILSON RALPH GILMOUR 29 QUEEN S RD VALOIS QUE	B ENG MCH 5
WILSON ROBERT GEORGE 3310 TROIE AVE APT 17 MONTREAL QUE	MD CM 4 AT 5907
WILSON ROLLA ELLA 3597 JEANNE MANCE MTL RED RANK NORTHUMBERLAND CO N B	MD CM 2 MA 5537
WILSON WILLIAM E 5643 QUEEN MARY RD HAMPSTEAD QUE	MD CM 2 EL 2221
WILSON WILLIAM M BOX 574 SPRINGHILL N S	B ENG MI 5
WINFIELD WILLIAM G BOX 411 DIGBY N S	B SC P E 4
WINSHIP DAVID 425 MOUNT STEPHEN AVE WESTMOUNT QUE	B ENG 2 DE 9782
WINSTAN ROSE 5816 CLANRANALD AVE N D G MONTREAL QUE	B S W 1 EX 2225
WINSTON MILTON 4620 GRAND BLVD N D G MONTREAL QUE	B A 4 WA 1628

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address.

NAME ADDRESS	COURSE & YEAR TEL. NO.
WINTER MAUREEN A R V C BELVEDERE HOUSE ST KITTS B W I	B SC 3
WINTERS MARGOT M MACDONALD COLLEGE AYLMER RD R R 2 QUEBEC	B SC H EC 4
WINTHROP SELMA C 4372 GIROUARD AVE N D G MONTREAL QUE	M S W 0 EL 2992
WIPPER AUDREY JOYCE R V C 371 QUEENSTON RD ST CATHARINES ONT	B A 0 UN 0088
WIPPER HARRY ROBINSON DIOCESAN COLLEGE 371 QUEENSTON ST ST CATHARINES ONT	M B SC 1 MA 4902
WIRTH JEANNETTE M R V C 74 WEST FRONT STREET RED BANK N J U S A	L MUS 1 UN 0278
WISEMAN JESSE RAYMOND 2125 DECARIE BLVD APT 2 N D G MONTREAL QUE	B ENG EL 5 DE 1225
WISSE LEONARD H 5650 COTE ST LUC RD APT 11 MONTREAL QUE	B A 3 WA 1045
WITKOV BARBARA D R 4490 RIDGEVALE AVE MONTREAL QUE	B A 1 EX 9462
WITTY RALPH 373 PRINCE ARTHUR ST MTL 180 DUFFERIN RD OTTAWA ONT	PH D 3 HA 4967
WOFFENDEN DAVID LLOYD 111 ELAN AVE ST EUSTACHE SUR LE LAC	B A 4
WOJCIK HENRY 5725 ESPLANADE AVE MONTREAL QUE	B COM 2 OR 6261
WOJTIUK KATHERINE 4262 WESTHILL AVE N D G MONTREAL QUE	B SC 4 WA 9194
WOLFE PHYLLIS ADELE 4580 MILLER AVE MONTREAL QUE	B SC 3 AT 8477
WOLFGANG MARY JEAN MACDONALD COLLEGE 1013 KING ROAD ASHLAND OHIO U S A	M A 2
WOLFGANG ROBERT W MACDONALD COLLEGE 1013 KING ROAD ASHLAND OHIO U S A	PH D 1
WOLFKILL EMILY M V MACDONALD COLLEGE 423 ROSLYN AVE WESTMOUNT QUE	B SC H EC 3
WOLFZAHN HERBERT 4175 RIDGEVALE AVE APT 6 MONTREAL QUE	B A 4 AT 3530
WOLINSKY SAM 159 ST VIATEUR ST W MONTREAL QUE	M SC 1 CR 8932
WOLOFSKY JACOB PETER 4163 ESPLANADE AVE MONTREAL 18 QUE	B ENG MCH 3 BE 3859
WOLTHAUSEN FREDERICK 4348 COOLBROOKE AVE N D G MONTREAL QUE	B COM 4 DE 3273
WONFOR HERBERT W 160 HALLOWELL ST WESTMOUNT QUE	B D 2 FI 3030
WONG LOYD GOERGE 3630 DUROCHER ST APT 1 MONTREAL QUE PLANTATION DIAMOND E BANK DEMERARA B GUIANA	B ENG CI 5 RE 4373
WONG MARILYN ANN R V C 94 SADDLE RD MARAVAL PORT OF SPAIN TRIN B W I	B A 2 UN 0038
WONG THOMAS SEW 1715 GOUIN BLVD W MONTREAL QUE	B ENG MCH 4 BY 2821
WOOD DAVID HARRY 637 ROSLYN AVE WESTMOUNT QUE	B C L 1 EL 6295
WOOD DIANA GLADYS G R V C 42 SUNSET BLVD OTTAWA ONT	PHYSIOTH 3 UN 0088
WOOD DONALD HAMISH 90 54TH AVE LACHINE QUE	B ENG 2
WOOD GORDON KENDALL 3561 HUTCHISON ST MTL 18 513 SANTA FE AVE ALBANY 6 CALIF U S A	MD CM 2 LA 0564
WOOD JOHN CHARLES 3420 UNIVERSITY ST MONTREAL QUE	M SC 1
WOOD LORING WAYLAND 2531 MAPLEWOOD AVE MTL 31 CLEARVIEW AVE WORCHESTER MASS U S A	MD CM 4 EX 8754
WOOD RAY MARSHALL JR 3561 HUTCHISON ST MTL 2626 HILLEGASS AVE BERKELEY 4 CALIF U S A	MD CM 1
WOOD WILLIAM SAMUEL 4039 TUPPER ST MTL 2893 PTE GREY ROAD VANCOUVER B C	MD CM 4 FI 9641
WOODHOUSE DOUGLAS F 5303 SHERBROOKE ST W MONTREAL QUE ★89	M S W 1 DE 6987
WOODHOUSE ROBERT T 4436 KING EDWARD AVE MTL 16 OTTAWA ST ARNPRIOR ONT	B ENG MET 4 DE 0268
WOODLEY MONTAGUE A MACDONALD COLLEGE 110 ST GERMAIN AVE VILLE ST LAURENT QUE	B SC AGR 1
WOODLEY PAGE FRANK 1425 DECARIE BLVD APT 24 VILLE ST LAURENT QUE	B A 1 BY 6127
WOODS CECIL STEWART 1441 DRUMMOND ST MTL 116 MINTO ST SUDBURY ONT	PARTIAL 0 MA 4171
WOODWARD DONALD B 7 ELLERDALE RD HAMPSTEAD QUE	B COM 2 DE 3832
WOODWORTH WARREN P 4858 GROSVENOR AVE MONTREAL QUE	B COM 3 EL 7131
WOOLVERTON RALPH S 409 DRUMMOND COURT DRUMMOND ST MTL 455 DUFFERIN AVE LONDON ONT	PH D 2 MA 3123
WORDEN ROBERT T 475 LANSDOWNE AVE WESTMOUNT QUE	B ENG MCH 5
WORKMAN DAVID LEE 5 RENFREW AVE WESTMOUNT QUE	B A 2 WA 6038

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NAME ADDRESS	COURSE & YEAR TEL. NO.
WORKMAN MARK EDWARD 5 RENFREW AVE WESTMOUNT QUE	B COM 1 WA 6038
WORRELL WILFRED ERIC 3679 JEANNE MANCE ST MONTREAL QUE	PARTIAL 0 HA 6851
WOWK ZENON BOHDAN 877 2ND AVE VERDUN R R 2 WEST HILL ONTARIO	B ENG 2
WOYTIUK LEO VICTOR 4262 WEST HILL AVE N D G MONTREAL QUE	B ENG 2 WA 9194
WRATH BEATRICE ANNIE 1480 CHOMEDY ST APT 1 MONTREAL QUE	PARTIAL 0 WI 5633
WREN WILLIAM JUSTIN 4597 OXFORD AVE N D G MONTREAL QUE	B COM 4 WA 5872
WRIGGLESWORTH JOHN 4324 SHERBROOKE ST W WESTMOUNT QUE	B A 4 FI 8656
WRIGHT DAVID PATRICK MACDONALD COLLEGE 651 LYON ST OTTAWA ONT	AGR DIP 1
WRIGHT DAVID THOMAS 3255 GOYER RD APT 12 MTL 1 ROSEMARY LANE SANTA BARBARA CALIF USA	MD CM 4
WRIGHT EVELYN MARGERY 20358 LAKESHORE RD BAIE D URFE QUE	B SC H EC 4
WRIGHT FRANCES B 669 LEDUC ST ST LAURENT QUE	B A 3 BY 4094
WRIGHT GEORGE DAVID MACDONALD COLLEGE LOWER MONTAGNE P E I	B SC AGR 3
WRIGHT JOHN GORDON 6170 BANNANTYNE AVE VERDUN QUE	B SC 3 TR 4353
WRIGHT JOHN MERTON 2186 ST LUKE ST MTL 2965 MCANALLY RD VICTORIA B C	B A 3 WI 8072
WRIGHT MARGARET L 5150 DECARIE BLVD APT 5 N D G MONTREAL 29 QUE	PHYSIOTH 3 EL 4177
WRIGHT NELSON A 64 HILLCREST AVE MONTREAL WEST QUE	M B SC 2 DE 9277
WRIGHT RICHARD H 5150 DECARIE BLVD N D G MONTREAL QUE	B ENG CI 3 EL 4177
WRIGHT SARAH C 3100 TRAFALGAR AVE MONTREAL QUE	B A 3 WE 6933
WRIGHT WILLIAM GEORGE 16 CAMBRAI AVE OUTREMONT QUE	B ENG 1 AT 0177
WRIGHT WILLIAM JAMES 5003 GROSVEROR AVE MTL 490 LONDON RD SARNIA ONT	B SC 3 AT 7588
WU LIANG YU MACDONALD COLLEGE 39 KING S ROAD HONG KONG	PH D 3
WULSIN ADELE E R V C 2444 MADISON RD CINCINNATI 8 OHIO U S A	B A 3 UN 0107
WURTELE DAPHNE JANE R V C 116 HOWICK ST ROCKCLIFFE OTTAWA ONT	PHYSIOTH 3 UN 0206
WYATT MALCOLM C 122 SELBY ST WESTMOUNT 32 FIFTH ST E CORNWALL ONT	B ENG CH 5 WI 7464
WYER RONALD JOHN 695 VICTORIA AVE WESTMOUNT QUE	B COM 4 DE 1634
WYNANDS JOHN EARL 4594 PATRICIA AVE N D G MONTREAL 28 QUE	MD CM 1 DE 9189
WYNN HEREWARD ARTHUR DOUGLAS HALL THE MOORINGS ST BERNARDS OLTON BIRMINGHAM ENG	B COM 4 UN 2893
WYNN JAMES GIBSON 2283 BELGRAVE AVE MONTREAL 28 QUE	B ENG EL 5 WA 3635
WYSE DEREK MALCOLM 4700 CLANRANALD AVE MTL 28 COCHRANE CLOSE ST JOHN S WOOD LONDON N W 8 ENG	MED DIPL 2 DE 6740

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YABLON ISIDORE G 839 DOLLARD AVE MONTREAL QUE	B SC 1 GR 1721
YALE DOROTHY LOUISE 464 LAKESHORE RD BEAUREPAIRE QUE	HOMEMAKER 1
YAMASHITA BRUCE H 629 PRINCE ARTHUR ST W MONTREAL QUE	B ENG MCH 3 MA 0739
YAMASHITA DAVID K 629 PRINCE ARTHUR ST W MONTREAL QUE	B COM 2 MA 0739
YANCOVITCH LEONARD 5574 WOODBURY AVE MONTREAL QUE	B COM 1 AT 3479
YANO GEORGE EICHI 4910 SHERBROOKE ST W MTL 64 DUFFERIN AVE BRANTFORD ONT	B ENG CH 5
YANOFSKY ARTHUR ALEX 1582 LAJOIE AVE OUTREMONT QUE	B C L 1 TA 6781
YANOVER RUTH MARSHA 5316 PARK AVE MONTREAL QUE	B F A 1 CA 6122
YAPHE WILFRED MACDONALD COLLEGE 370 EDWARD CHARLES ST MONTREAL QUE	PH D 2
YAPP PETER RAYMOND 243 PORTLAND AVE TOWN OF MT ROYAL QUE	B ENG 2 AT 3230
YAPP RUSSELL KEITH 243 PORTLAND AVE TOWN OF MOUNT ROYAL QUE	B ENG 1 AT 3230
YARMOSHUK NICHOLAS 3620 COLONIAL AVE MONTREAL 18 QUE	B ENG 1 BE 5403
YASIN SIMON 286 ST JOSEPH BLVD W MONTREAL QUE	B A 4 CR 3557

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NAME ADDRESS	COURSE & YEAR TEL. NO.
YATES CLAIRE H 1445 BISHOP ST APT 9 MONTREAL 25 QUE	PH D 3 PL 3493
YATES HAVELOCK H 39 STAYNOR AVE WESTMOUNT QUE	PH D 3 WI 0964
YEE HUGH LUM 1015 CLARKE ST MONTREAL QUE	B ENG 2
YEH JOSEPH C 3637 JEANNE MANCE ST MONTREAL QUE	MED DIPL 2 HA 2806
YELLAND ELIZABETH M 7425 CARPIQUET AVE TOWN OF MOUNT ROYAL QUE	B F A 1 EX 6298
YELLIN ALEC 5723 TRANS ISLAND AVE MONTREAL QUE	B COM 2 AT 0370
YETMAN GORDON KENNETH 383 MELROSE AVE VERDUN QUE	B ENG 2
YETNIKOFF STANLEY 5820 WILDERTON MONTREAL 26 QUE	B SC 1 AT 4356
YOFFE MOE FRED 2806 WILLOWDALE AVE MONTREAL 26 QUE	B COM 1 AT 1998
YOSHIDA CHARLES M 3557 DUROCHER ST MTL BOX NO 26 CHASE B C	B ENG CH 5 HA 7512
YOUNG ALLAN HARRISON 4660 GRAND BLCD N D G MONTREAL QUE	B COM 2 WA 3037
YOUNG ARCHIBALD D 4039 TUPPER ST MTL 4555 W 9TH AVE VANCOUVER B C	MD CM 4 FI 9641
YOUNG CONSTANCE MARY 4611 HARVARD AVE N D G MONTREAL QUE	B A 2 EL 1998
YOUNG DAVID CLAIBORNE 548 PRINCE ARTHUR W MTL WILTON NEW HAMPSHIRE U S A	MD CM 3 HA 7579
YOUNG DONALD ALCOE MACDONALD COLLEGE DOMINION EXPERIMENTAL ST FREDERICTON N B	R SC AGR 3
YOUNG EARL 1179 ST URBAIN ST MTL 230 DUNDAS ST E TORONTO ONT	B SC 3 LA 6853
YOUNG GORDON RAYMOND 3609 UNIVERSITY ST MTL 1906 10TH AVE NEW WESTMINSTER B C	D D S 4 LA 6303
YOUNG JANICE MARGARET 38 FORDEN CRESCENT WESTMOUNT QUE	B A 1 DE 0575
YOUNG JOAN RUTH 36 SHORNCLIFFE AVE WESTMOUNT QUE	PARTIAL 0 EL 6141
YOUNG MARILYN DIANE 149 GREGOIRE ST ST JOHNS QUE	B SC 1
YOUNG MARY MARGARET 1920 ST LUKE ST MONTREAL QUE	M S W 2
YOUNG MORAG ELIZABETH MACDONALD COLLEGE BOX 93 CHIPPAWA ONT	B SC H EC 1
YOUNG ORCHID EMILY MACDONALD COLLEGE 220 SANDRIDGE RD ROCKCLIFFE ONT	R SC AGR 3
YOUNG ROBERT BROCK H 3851 UNIVERSITY ST 3195 HUMBER RD VICTORIA B C	B SC 2 UN 0018
YOUNG WILLIAM LEE 3423A HUTCHISON ST MTL 172 HENRY ST HALIFAX N S	M SC 1 MA 9260
YOUNGE RALPH 1309 BERNARD APT 3 OUTREMONT QUE	B A 3 DO 5610
YUDCOVITCH HENRY R 4227 ST URBAIN ST MONTREAL 18 QUE	B ENG 1 RE 9807
YUERS WILLARD HARVEY 3431 DRUMMOND ST MTL HUGHTON SASK	B ENG 1 PL 3616
YUHASZ MICHAEL 776 ST ROCH ST MONTREAL QUE	B SC 2 CA 1742
YUILL VERA ANNE MACDONALD COLLEGE 24 CONDOVER RD POINTE CLAIRE QUE	R SC H EC 4
YUR ECHEK GERALD W 7577 QUERBES AVE MONTREAL 15 QUE	PARTIAL 0 VI 8163
YURKO MICHAEL 111 44ST PLAGE LAVAL QUE TWO HILL ALTA	M ENG 1

Z

ZABER JOSEPH JOHN NIAGARA ON THE LAKE ONTARIO	B ENG 1
ZABITSKY BETTY MACDONALD COLLEGE 25 HENDERSON ST HUNTINGDON QUE	TCH INT 1
ZABORSKI JERZY 4384 SHERBROOKE ST W WESTMOUNT QUE	P A 2 FI 3698
ZACHARIN DAVID 4580 ST URBAIN ST MONTREAL QUE	D D S 2 HA 7835
ZACK BADANNA BERNICE 667 QUERBES AVE OUTREMONT QUE	B SC 1 CA 9865
ZAGMEN GEORGE 7416 BIRNAM AVE MONTREAL QUE	B COM 3 CA 3070
ZAHALSKY ARTHUR C 570 MILTON ST APT 14 MTL 1661 SAINT JOHNS PL BROOKLYN 33 N Y U S A	B SC 3 BE 7602
ZAKAIB LORNE JOHN 1026 GILFORD ST MONTREAL QUE	B ENG 1 CH 2461
ZAMES GEORGE 3000 MAPLEWOOD AVE APT 7 OUTREMONT QUE	B ENG 2
ZAMORANO CARLOS A G 2047 UNION AVE MONTREAL QUE	B ENG 1

DIRECTORY OF STUDENTS

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NAME ADDRESS	COURSE & YEAR TEL. NO.
ZANGER SYBIL L 3360 RIDGEWOOD AVE APT 4 MONTREAL QUE	PARTIAL 0 EX 0316
ZARIFI LEONIDAS 106 QUEEN SOPHIE AVE ATHENS GREECE	B ENG CI 4
ZARITSKY KATHLEEN 1311 MOUNT ROYAL BLVD OUTREMONT QUE	B A 4 CR 2725
ZASTRE DORIS ALDREDA 3516 DE LORIMIER AVE MONTREAL QUE	PHYSIOTH 1 FR 1389
ZEIGLER PETER 3481 PARK AVE APT 6 MONTREAL QUE	PH D 3 BE 4798
ZELAYA JAVIER LEON MACDONALD COLLEGE EEHAURREN 109 SAUTIAGE CHILE	AGR DIP 2
ZELKO JOHN MARTIN 1441 DRUMMOND ST MTL 112 GAUTIER ST JOHNSTOWN PA U S A	B SC 2
ZELTZER SYLVIA 3375 RIDGEWOOD AVE APT 208 MONTREAL QUE	B SC 3 EX 9917
ZEMEL REUBEN 430 OUTREMONT AVE OUTREMONT QUE	B SC 4 CA 7588
ZERBIN VERA EDITH 1431 MCKAY ST SUITE 11 MONTREAL QUE SUMMERBERRY SASK	B SC P E 2 PL 6988
ZIFFER EWALD 3553 SHUTER ST APT 2 MONTREAL QUE	B COM 3 LA 1561
ZIGBY GEORGE 3431 DRUMMOND ST MTL 315 ST JEAN ST GRANBY QUE	B COM 3 PL 3616
ZIGBY JEAN PAUL 3431 DRUMMOND ST MTL 315 ST JEAN ST GRANBY QUE	B COM 3 PL 3616
ZIMRING RUTH MACDONALD COLLEGE 4525 HARVARD AVE N D G MONTREAL QUE	B SC AGR 4
ZITNER NATHAN 5843 DUROCHER AVE MTL 3044 VALENTINE AVE BRONX 58 N Y U S A	B COM 3 CR 4469
ZORBACH WILLIAM W 5735 TERREBONNE AVE MTL 909 WALLACE BOWLING GREEN OHIO U S A	PH D 3 EL 1235
ZOUMBOULIDOU E M 3556 HUTCHISON ST MONTREAL QUE	B ARCH 6 MA 5876
ZUCKERMAN CARMEN 575 WISEMAN AVE OUTREMONT QUE	B SC 2 DO 8875
ZUCKERMAN REBECCA R 4665 RIDGEVALE AVE COTE DES NEIGES MTL QUE	PHYSIOTH 3 EX 8320
ZULON THOMAS ALBERT 670 RIVERVIEW AVE VERDUN 150 WEBSTER AVE CAMBRIDGE MASS U S A	B SC 2 TR 5154
ZWEIG JOSEPH PHILIP 4156 DE BULLION ST MONTREAL QUE	M A 1 BE 1243
ZYSKIND GEORGE 4596 MICHEL BIBAUD MONTREAL QUE	B SC 2 AT 5638

SUPPLEMENT

Where two addresses are given, the second is the home address.

NAME ADDRESS		COURSE & YEAR TEL. NO.	
ALLAM JOAN 2294 BEACONSFIELD AVE MONTREAL QUE	1	EDUCATION 5 DE 1992	
ANDREWS HARRY W 251 MILTON ST APT 25 MONTREAL QUE	2	EDUCATION 1	
AYER HELEN MARGARET 810 UPPER LANSDOWNE AVE WESTMOUNT QUE	4	EDUCATION 5 EL 4804	
BERNSTEIN SAUL 3260 RIDGEWOOD AVE APT 11 MONTREAL QUE	5	M ENG 1	
BLANSHAY GRETA 2979 SOISSONS AVE MONTREAL QUE	6	EDUCATION 5 AT 9743	
BLOOM JULES 361 WARTMAN AVE BROOKLYN N Y U S A	7	M A 2	
BONIUK NINA MCLENNAN HALL 79 MACLEAN ST GLACE BAY N S	8	EDUCATION 5 PL 0044	
BRAWER ANNIE DORA 4377 HENRI JULIEN ST MONTREAL QUE	9	EDUCATION 5 HA 5663	
BUCHANAN DONALD ROY 144 ARTHUR ST OTTAWA ONT WEIRDALE SASK	10	M A 2	
BURGESS RALPH C 212 CREARA AVE OTTAWA ONT	11	M SC 2	
CALOUDIS STAVROS 21 ASKLIPIOU ST ATHENS GREECE	13	B ENG 1	
CAMPBELL BRUCE 399 2ND AVE VERDUN QUE	14	EDUCATION 1 YO 6945	
CAMPBELL MARGARET J 356 BEACONFIELD BLVD BEACONFIELD QUE	15	EDUCATION 5	
CHAMBERLIN ARTHUR N 85 MYRTLE ST BOSTON 14 MASS U S A	16	M A 4	
COLAS HENRI ALFRED 4575 MARCIL ST N D G MONTREAL QUE	17	B COM 2 EL 7850	
COLEBROOK DOUGLAS C 719 MELROSE AVE VERDUN QUE	18	EDUCATION 5 HE 5662	
DAVIS VERA JOYCE 210 LAZARD AVE TOWN OF MOUNT ROYAL QUE	19	EDUCATION 1 AT 4550	
DIMKOPOULOS DEMETRIUS 63 PATRIARCHOU JOAKIM ST ATHENS GREECE	20	B ENG 2	
EARTLY HEIDI HELGA 333 KENSINGTON AVE WESTMOUNT QUE	21	M SC 3 WI 7750	
FIELD PHILIP E 830 WOOD AVE WESTMOUNT QUE	22	EDUCATION 5 FI 0872	
FORD WILLIAM H 50 ALEPIN AVE VILLE LASALLE QUE	23	EDUCATION 1 HE 1498	
FOSTER WILLIAM T 414 NOTRE DAME AVE ST LAMBERT QUE	24	EDUCATION 1	
FRANCIS WYNNE 4509 ST CATHERINE ST W MONTREAL QUE	25	M A 2 WI 0924	
GIARRIZZO CARLO 1286 BEAUBIEN ST MONTREAL QUE	26	B A 1 CA 2201	
GIBB ISABEL MARGARET 656 ROSLYN AVE WESTMOUNT QUE	27	EDUCATION 5 EL 2469	
GLASSMAN FANNY 4821 JEANNE MANCE ST MONTREAL QUE	28	EDUCATION 5 TA 3102	
GRAHAM ARLENE DORIS 5507 COTE ST ANTOINE RD N D G MONTREAL QUE	29	EDUCATION 5 DE 0591	
GRAY JOSEPH TAYLOR MACDONALD COLLEGE 189 DUFFERIN RD HAMPSTEAD QUE	30	AGR DIP 2	
GUALTIERI TERESA G 6827 LOUIS HEMON ST MONTREAL QUE	31	EDUCATION 5 TA 5644	
HANNA ROBERT L 659 GROSVENOR AVE MTL SHAWVILLE QUE	32	EDUCATION 5 EL 6865	
HARRIS JAMES ROSS 4610 HAMPTON AVE N D G MONTREAL QUE	33	EDUCATION 5 EL 1089	
HASTIE GEORGE A 700 EGAN AVE VERDUN QUE	34	EDUCATION 5 TR 9985	
HEFFERMAN ANGELA B 1509 SHERBROOKE ST W APT 36 MONTREAL QUE	35	MED DIPL 3 FI 8295	
HERMANN ALFRED 1351 BEAULIEU ST VILLE ST LAURENT QUE	36	EDUCATION 5 BY 5166	
HOLLETT CHARLOTTE 1374 SHERBROOKE ST W APT 3 MONTREAL QUE	37	M SC 1 LA 1021	
HONE DAVID WILLIAM 6 HURON ST APT 4 DEEP RIVER ONT	38	PH D 4	
JASLOW LILLIAN 4639 JEANNE MANCE ST MONTREAL QUE	39	PARTIAL 0	
JEZAROFF REVA 5035 JEANNE MANCE ST MONTREAL QUE	40	EDUCATION 5 DO 4528	
KING MARY EMILY 2601 N FRANKLIN ST WILMINGTON DELAWARE USA	41	M S W 2	
KOTSOS DEMETRIOS J 2076 CLARKE ST MONTREAL QUE	42	EDUCATION 1 HA 1546	
KOZAK PETER EDWARD ROYAL VICTORIA HOSP 10955 84TH ST EDMONTON ALTA	43	MED DIPL 3 PL 1251	
KUTZMAN LOIS HELEN 5062 GROSVENOR AVE MONTREAL QUE	44	EDUCATION 5 AT 7444	
LA FLECHE DENYSE R WINDSOR HOTEL MTL DEPT OF EXTERNAL AFFAIRS OTTAWA ONT	45	B C L 1	
LA FLECHE JEAN J WINDSOR HOTEL MTL DEPT OF EXTERNAL AFFAIRS OTTAWA ONT	46	B A 1	
LAMONT HAVERS R W 3465 RIDGEWOOD AVE APT 105 MONTREAL QUE	47	MED DIPL 2	
LAUZIER MARGUERITE 29A PERRAULT AVE ST ANNE DE BELLEVUE QUE 5175 SHERBROOKE ST W APT 16 MONTREAL QUE	48	HOMEMAKER 1	

SUPPLEMENT

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NAME ADDRESS		COURSE & YEAR TEL. NO.	
LECK ARTHUR 3892 COLONIAL AVE MONTREAL QUE	49	EDUCATION LA 0311	1
LEE BURDETT WILSON TRUEMAN HOUSE SACKVILLE N B	50	PH D	4
LEVITIN NORMAN 48 4TH AVE OTTAWA ONT	51	PH D	4
LIPSHITZ JUDITH 133 DE L EPEE AVE APT 6 OUTREMONT QUE	52	EDUCATION CR 8081	5
MCCULLOGH WILLIAM 7769 DUROCHER ST MONTREAL QUE	53	EDUCATION CA 7103	5
MCDONALD EDWIN J 4018 HAMPTON AVE MONTREAL QUE	54	EDUCATION DE 4905	1
MACKENZIE ROBERT G 3940 BENNY AVE N D G MONTREAL QUE	55	MED DIPL WA 7010	2
MCKIEL GEORGE D 21 SOURCES RD STRATHMORE QUE	56	EDUCATION	5
MCQUAT DONALD F 39 DUNN AVE TORONTO ONT	57	PH D	4
MAHUT HELEN 1554 PINE AVE MONTREAL QUE	58	PARTIAL FI 0362	0
MANN KELVIN H 6685 TERREBONNE AVE MONTREAL QUE	59	UCATION DE 9040	1
MISHKIN MORTIMER 585 HOWARD AVE NEW HAVEN CONN U S A	60	PH D	3
MULLIGAN WILLIAM ORR C O 29 BALLANTYNE AVE MONTREAL WEST QUE 57 SPRUCE ST AURORA ONT	62	PH D WA 2319	1
MURPHY BERNARD W 804 SCOTT ST NEW WESTMINSTER B C	63	MED DIPL	4
NORMAN ERIC W 1166 LAJOIE AVE OUTREMONT QUE	64	EDUCATION DO 9165	5
PERCIVAL WALTER L 72 CURZON AVE MONTREAL WEST QUE	65	MED DIPL WA 2505	5
POWLES WILLIAM E 1517 18TH AVE NEW WESTMINSTER B C	66	MED DIPL	3
PRESTON LOIS EILEEN 423 CARYLE AVE TOWN OF MOUNT ROYAL QUE	67	EDUCATION AT 5771	5
READ CHARLES HERBERT MASS GENERAL HOSPITAL BOSTON MASS U S A	68	PH D	4
REYNOLDS JOHN ROGER MACDONALD COLLEGE THE NEW INN SHALFLEET ISLE OF WIGHT ENG	69	AGR DIP	2
RICHARDSON MARILYN 3480 ONTARIO AVE MTL BOX 461 LACHUTE QUE	70	EDUCATION PL 0044	1
RUTHMAN RAY WALTER 3430 DRUMMOND ST MTL 1975 4TH AVE QUEBEC CITY QUE	71	B ENG EL PL 0789	3
SANFORD GEORGE B R 4115 COTE DES NEIGES RD APT 5 MONTREAL QUE 1154 ROYAL ST THREE RIVERS QUE	72	EDUCATION WI 8682	5
SHIMIZU ART GEORGE 3470 DUROCHER ST MONTREAL QUE	73	B SC MA 0734	3
SMITH ALAN ROBINSON BOX 349 COPPER CLIFF ONT	74	PH D	4
SMITH JEAN ANNIE 1456 MORGAN BLVD APT 4 MAISONNEUVE QUE	75	EDUCATION CL 4420	5
SPILKA IRENE MARIE R 3425 RIDGEWOOD AVE APT 221 MONTREAL QUE	76	B A EX 9797	3
STEPHEN ROBERT G 303 6TH AVE VERDUN QUE	77	M A YO 9398	1
STRACINA JULIUS 3477 CITY HALL AVE MONTREAL QUE	78	EDUCATION BE 7086	5
TEES FREDERICK A 646 BELMONT AVE WESTMOUNT QUE	79	EDUCATION WA 1424	5
THOMPSON GEORGE H R V HOSP NORTH SYDNEY NOVA SCOTIA	80	MED DIPL PL 1251	1
THOMSON HILDA M 81 WALMER RD TORONTO ONT	81	PARTIAL	0
TRASLER KENNETH IAN 410 44 AVE LACHINE QUE	82	EDUCATION	1
TURPIN JOHN RICHARD 1746 CEDAR AVE MONTREAL QUE	83	B COM YO 9922	2
VALENTINE JOHN H 715 GROSVENOR AVE MTL 9 NEW FIELD ST CHELMSFORD MASS U S A	84	M A EL 2818	2
VELAY FANNY J 3475 RIDGEWOOD AVE MTL 1125 FIFTH AVE NEW YORK U S A	85	PARTIAL EX 7644	0
WEISS TIBOR 1577 VAN HORNE AVE APT 6 MONTREAL QUE	86	B A DO 7515	1
WENSLEY ROLAND J 905 WILDER AVE OUTREMONT QUE	87	EDUCATION CR 5384	5
WILD BARBARA MARY 198 PRINCE ALBERT ST WESTMOUNT QUE	88	EDUCATION EL 5772	5
WOODHOUSE GORDON H 4414 KING EDWARD AVE MTL ARNPRIOR ONT	89	PH D DE 0268	2

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